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Quality of Woven Clothing Fabrics Purchased 1944 to 1946

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QUALITY OF WOVEN CLOTHING FABRICS PURCHASED 1944–46

By

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Contents

	Page
Summary	1
Introduction	2
Purchasing the fabrics	3
Types of fabrics purchased	4
Cottons	4
Rayons	4
Wools	5
Mixed fabrics	5
Experimental procedure	5
Content of fabric	5
Weight per square yard and count	5
Breaking strength and elongation	5
Dimensional change	6
Experimental procedure—Continued	
Colorfastness	6
Results	7
Cottons	7
Rayons	9
Wools	10
Mixed fabrics	10
Comparison of fabrics	10
Comparison of prewar and wartime fabrics	11
In price	11
In shrinkage	11
In colorfastness	12
Literature cited	122

Illustrations

	Page
1. Colorfastness of cotton fabrics: Comparison of three qualities of cotton broadcloth, chambray, gabardine, gingham, and percale	13
2. Cotton broadcloth: Comparison of three qualities. Price, weight, yarns per inch, breaking strength, and dimensional change in washing	14
3. Cotton chambray: Comparison of three qualities. Price, weight, yarns per inch, breaking strength, and dimensional change in washing	16
4. Cotton gabardine: Comparison of three qualities. Price, weight, yarns per inch, breaking strength, and dimensional change in washing	18
5. Cotton gingham: Comparison of three qualities. Price, weight, yarns per inch, breaking strength, and dimensional change in washing	20
6. Cotton percale: Comparison of three qualities. Price, weight, yarns per inch, breaking strength, and dimensional change in washing	22
7. Rayon challis: Comparison of three qualities. Price, weight, yarns per inch, breaking strength, elongation, dimensional change, and colorfastness	24
8. Rayon crash: Comparison of three qualities. Price, weight, yarns per inch, breaking strength, elongation, dimensional change, and colorfastness	28
9. Rayon crepe: Comparison of three qualities. Price, weight, yarns per inch, breaking strength, elongation, dimensional change, and colorfastness	32
10. Rayon taffeta: Comparison of three qualities. Price, weight, yarns per inch, breaking strength, elongation, dimensional change, and colorfastness	36
11. Rayon twill: Comparison of two qualities of gabardine and two qualities of serge. Price, weight, yarns per inch, breaking strength, elongation, dimensional change, and colorfastness	40
12. Wool flannel: Comparison of three qualities. Price, weight, yarns per inch, breaking strength, elongation, dimensional change, and colorfastness	44
13. Wool herringbone: Comparison of three qualities. Price, weight, yarns per inch, breaking strength, elongation, dimensional change, and colorfastness	48
14. Rayon-cotton crash: Comparison of three qualities. Price, weight, yarns per inch, breaking strength, elongation, dimensional change, and colorfastness	52
15. Rayon-wool flannel: Comparison of three qualities. Price, weight, yarns per inch, breaking strength, elongation, dimensional change, and colorfastness	56

Tables

Page

1. Cotton fabrics: Price, width, weave, type of yarn, and content of fabric for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale ---- 60
2. Cotton fabrics: Summary of price data for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale ---- 68
3. Cotton fabrics: Summary of weight-per-square-yard and yarns-per-inch data for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale ---- 69
4. Cotton fabrics: Summary of breaking-strength data for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale ---- 71
5. Cotton fabrics: Summary of dimensional change in washing for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale ---- 74
6. Cotton fabrics: Summary of colorfastness data for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale ---- 76
7. Rayon fabrics: Price, width, weave, type of yarn, and content of fabric for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge ---- 78
8. Rayon fabrics: Summary of price data for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge ---- 92
9. Rayon fabrics: Summary of weight-per-square-yard and yarns-per-inch data for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge ---- 93
10. Rayon fabrics: Summary of breaking-strength and elongation data for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge ---- 96

Page

11. Rayon fabrics: Summary of dimensional change in washing, dry cleaning, and wet cleaning for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge ---- 100
12. Rayon fabrics: Summary of colorfastness data for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge ---- 103
13. Wool fabrics and mixtures: Price, width, weave, type of yarn, and content of fabric for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool ---- 106
14. Wool fabrics and mixtures: Summary of price data for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool ---- 114
15. Wool fabrics and mixtures: Summary of weight-per-square-yard and yarns-per-inch data for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool ---- 115
16. Wool fabrics and mixtures: Summary of breaking-strength and elongation data for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool ---- 116
17. Wool fabrics and mixtures: Summary of dimensional change in washing, dry cleaning, and wet cleaning for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool ---- 118
18. Wool fabrics and mixtures: Summary of colorfastness data for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool ---- 120

QUALITY OF WOVEN CLOTHING FABRICS PURCHASED 1944–46

SUMMARY

During World War II a situation such as had never before been known was experienced in the textile market. Textiles for civilian use were scarce. Some types of high-quality fabrics had virtually disappeared from the market. Despite the scarcity, however, textiles were not rationed. The Government did not prohibit the use of raw materials for the manufacture of fabrics of poor quality. Many believe that the consumers' needs would have been better met by the establishment of minimum quality specifications which would have assured more durable fabrics and less waste of fiber in inferior goods.

An account of the civilian textile situation in the years 1944 to 1946 with respect to certain types of fabrics is given in this publication. The work reported was carried on by the Bureau of Human Nutrition and Home Economics in Washington, D. C., together with four cooperating institutions in different geographical sections of the country: Minnesota, Pennsylvania, Tennessee, and the State of Washington.

Fabrics studied were representative of the staple materials that the homemaker found for her family in retail stores in the United States. Fourteen types of fabric were included: 5 cottons, 5 rayons, 2 wools, and 2 mixtures. Purchases were made by each cooperator in three centers representative of a large city, a medium-sized city, and a large town or small city. Three fabrics of each of the 14 types were purchased, when they could be obtained, one representing the best quality available at the time, one the medium quality, and one the poorest quality. There were four buying periods, the fall of 1944 and 1945 and spring of 1945 and 1946.

In all, 1,080 samples were studied. Fabrics were analyzed for content, weight, count (yarns per inch), breaking strength and elongation, dimensional change in washing, dry cleaning, and wet cleaning, and colorfastness to light, washing, and perspiration.

Fabrics purchased for the best, medium, and low qualities were often similar in the number of yarns per inch, weight per square yard, and breaking strength. There were no marked differences in these properties in the rayons, wools, and mixed fabrics of the three levels of quality. For the five types of cotton fabrics, weight and breaking strength for the three levels of quality were quite similar. The best quality cotton fabrics, however, usually had the greatest number of yarns per inch and those of low quality the least.

Much of the information as to fiber content, colorfastness, and shrinkage obtained at the time of purchase was found to be inaccurate.

Fabrics of the "best" quality found on the market were often inferior to materials of supposedly low quality with respect to percent of nonfibrous material, dimensional change, and colorfastness. No doubt, this can be attributed to the fact that fabrics of high quality were not made for civilian consumption during the years 1944 to 1946.

Many of the cottons and rayons had more than 10 percent nonfibrous material. The all-wool fabrics and the rayon crepes exhibited excessive shrinkage in washing and wet cleaning, and many of the other rayon fabrics stretched. In the 14 types of fabric a great number were faded by both light and washing. Perspiration caused bleeding

[1] Appreciation is expressed especially to Esther Chapman Morse, who directed the study at the University of Tennessee during the first year; to Suzanne Davison and Marian Krape, who assisted with the conduct of the project at The Pennsylvania State College; to Kathryn E. Cronister, Pelagia K. Schultz, and Pauline C. Harlan, of the Information Division of the Bureau, for editorial assistance; and to the many laboratory assistants who conducted repetitive tests.

and fading in many wool and part-wool materials, but few fabrics in the other groups were faded by this agent.

Fabrics of the same types purchased in the various geographic sections of the country and from the three types of communities in those sections were similar in characteristics. Often identical fabrics were purchased in different sections of the country. No marked changes appeared in the properties of the fabrics during the progressive shopping periods over the relatively short interval of time covered by this study.

The scarcity of materials was most pronounced in the towns and small cities. Even in the large cities two and sometimes only one quality of a certain type of fabric was available, but in the towns and small cities sometimes none was available. Cotton fabrics especially were limited in supply and unattractive in color and design.

A comparison of the data from this study with data on prewar fabrics revealed marked differences in price, colorfastness, and shrinkage between the wartime and prewar materials. Fabrics purchased in the period 1944 to 1946 were considerably higher in price than those available prior to the war and were inferior in colorfastness to washing, light, and perspiration. The 1944 to 1946 fabrics were superior to similar prewar materials with respect to shrinkage.

In contrast the fabrics included in this study differed relatively little in the number of yarns per inch, weight per square yard, and breaking strength from similar fabrics obtainable before the war.

INTRODUCTION

Little information has been collected from year to year on trends in the quality of textile merchandise offered on the retail market in the various regions of the country. In an effort to begin the accumulation of such data and especially to determine the effect of war on the quality of fabrics made for civilians, the Bureau of Human Nutrition and Home Economics in the fall of 1944 initiated in five sections of the country a laboratory study of certain staple clothing materials homemakers find in retail stores. Participating in this project were: The University of Minnesota and the Minnesota Agricultural Experiment Station; the Ellen H. Richards Institute of The Pennsylvania State College and The Pennsylvania State College; the University of Tennessee and the Tennessee Agricultural Experiment Station; the Washington State College and the Washington Agricultural Experiment Station.

Facts showing the variations in quality which exist in textile goods sold for household and clothing purposes help homemakers recognize values when making purchases. They also provide the basis for recommendations for fabric specifications for consumer use.

After this country entered World War II practically no staple clothing fabrics of prewar quality were manufactured for the civilian. Some of the materials that homemakers used during peacetime in enormous quantities to clothe their families virtually disappeared from the civilian consumer's market. No 80-square percale, no fine-count two-ply broadcloth or voile, and little gingham, chambray, muslin, nainsook, lawn, or poplin was available. These shortages were due in part to Government regulations which directed enormous quantities of textile goods to the armed forces. In order to stretch as far as possible the small amounts of fiber available, there was also a lowering of quality of textile materials made for home folks.

By the spring of 1944 the supply and variety of serviceable cotton fabrics were limited. The prewar backlog of materials of good quality was used up and the flow of these fabrics from the factories to the stores had almost ceased. In the small cities and towns, particularly those near military bases or camps, the shortage of staple materials was acute. Many of the few fabrics available, particularly the cottons, were so unattractive in design and color that they obviously would not have sold readily, if at all, in normal times. Rayons were generally more plentiful and more comparable to prewar fabrics than were the cottons, but some types of rayons were scarce. Wool and wool mixed fabrics were more plentiful than the cottons. Mixtures of wool and rayon were common, but few wool and cotton mixtures were on the market.

From early in 1944 until several months after the end of hostilities, homemakers in various parts of the United States found many of the

available staple clothing fabrics so coarse and sleazy that they scarcely justified the money spent for them or the time and energy used to make the cloth into garments. Many of the fabrics shrank and were faded by light and washing.

The relatively large volume of "too poor" fabrics might have been replaced by a smaller volume of materials of better quality if minimum quality standards had been set up for textile goods. Such standards under Government control would have prevented textile raw materials from being manufactured into inferior fabrics in this period of scarcity.

Before World War II considerable progress had been made in determining the physical characteristics of cotton woven goods such as broadcloth, chambray, gingham, and percale (*5, 6, 16, 17*).[2]

Federal specifications developed for the use of Government agencies in purchasing these goods have been in existence for several years (*11, 12, 13, 14*). In these specifications for broadcloth and chambray differences in quality have been designated. On the other hand, the quality of other classes of cotton and of various types of wool and rayon fabrics is not so generally known. The quality of various kinds of mixed fabrics composed of cotton, rayon, wool, and other fibers needs to be studied since they are becoming more and more common. Some of these fabrics are included in this study.

In this investigation certain physical and chemical properties have been measured in order to ascertain the quality of a few types of staple woven fabrics used for clothing. Comprehensive data on the properties of 1,080 individual fabrics, arranged by type into 14 groups, are catalogued so as to give separately the price, width, weave, type of yarn, and content of each fabric in tables 1, 7, and 13. Prices of the fabrics are summarized in tables 2, 8, and 14; determinations of weight and yarns per inch in tables 3, 9, and 15; of breaking strength and elongation in tables 4, 10, and 16; of dimensional change in tables 5, 11, and 17; of colorfastness in tables 6, 12, and 18.

PURCHASING THE FABRICS

Each cooperator purchased for the study fabrics in three cities or towns within her respective State. In order to obtain a cross section of the textiles available to the consumer in that particular area of the country, shopping centers representative of a large city, a medium-sized city, and a large town or small city were selected for the most part. The cooperators and the cities and towns where they bought materials are:

Bureau of Human Nutrition and Home Economics: (1) Washington, D. C.; (2) Richmond, Va.; and (3) Frederick, Md.

University of Minnesota and Minnesota Agricultural Experiment Station: (4) Minneapolis, (5) Duluth, and (6) Mankato, Minn.

Ellen H. Richards Institute and The Pennsylvania State College: (7) Philadelphia, (8) Harrisburg, and (9) Altoona, Pa.

University of Tennessee and Tennessee Agricultural Experiment Station: (10) Knoxville, (11) Jackson, and (12) Columbia, Tenn.

Washington State College and Washington Agricultural Experiment Station: (13) Seattle, (14) Spokane, and (15) Walla Walla, Wash.

After surveying the stores in each city to ascertain the levels of quality of the various types of materials offered to consumers, the cooperator's representative bought, when they were available, three fabrics of each of the 14 types of materials chosen for investigation. One of the three represented the best quality available at the time the materials were bought, one the medium, and one the poorest quality. (See page 4.) If only two qualities of any kind of material were obtainable, a fabric representing each of the available qualities was purchased. The better fabric was then classed as "best quality" and the other as "medium quality."

Lacking generally accepted standards for different levels of quality, the purchaser, when choosing materials, kept in mind the suitability of a fabric for a particular use. For example, in selecting broadcloth, most of which was white, the shopper considered its quality in terms of its suitability for a man's business shirt. In the case of percale, quality was evaluated on the basis of suitability for a woman's work dress. Any information found on labels was taken into account but price was not considered as a criterion of quality.

[2] Italic numbers in parentheses refer to Literature Cited, p. 122.

In general the shopping for fabrics took place in the fall from September 15 to October 15, 1944 and 1945, and in the early spring between February 15 and March 15, 1945 and 1946. There were only two buyings for the wool and part-wool materials. These were made in the fall of 1944 and of 1945. There were four buyings for all other types of fabrics because these were purchased both in the spring and in the fall.

Two and one-half yards of each material ranging from 27 to 40 inches wide and one and one-half yards of each material approximately 54 inches wide were purchased. As much information as possible was obtained from labels or salespersons concerning fiber content, shrinkage, finishes, and colorfastness.

Because of the scarcity of clothing fabrics, particularly cotton, seasonal aspects of purchasing these materials were largely eliminated. Several stores received their biggest and most varied shipment of cottons in the fall when normally the demand for such warm-weather materials has lessened. However, retail consumers purchased these fabrics so soon after they were displayed that a person had to be in the store when the shipment was placed on the counters to get the kind of fabrics desired for this study.

Because of differences in the time that work was started in the various areas some cooperators were unable to purchase fabrics for all shopping periods. In a few instances materials were rejected because upon laboratory analysis they failed to conform to any of the types. For example, some fabrics sold as cotton percale were found to be rayon and cotton mixtures. This explains some of the blanks in the tables.

TYPES OF FABRICS PURCHASED

Four classes of fabrics were purchased. They included five types each of cottons and rayons and two types each of wools and mixed materials.

Cottons

The group of 375 cotton fabrics studied consisted of 52 broadcloths or materials sold as broadcloth, 68 chambrays, 100 gabardines or so-called gabardines, 64 ginghams, and 91 percales.

The broadcloths or so-called broadcloths were not always materials with the typical ribbed effect characteristic of these fabrics. In several, the number of warp and filling yarns in an inch were so nearly the same that there was little indication of a ribbed appearance. Such fabrics were really dress percales or sheetings.

The chambrays were restricted to fabrics having no more than two colors in the warp yarn and one color (white) in the filling. Hence the group consisted of materials having either a solid color warp or a striped warp, both with white filling. All similar materials having more than two colors in the warp were classed as gingham.

The gabardines were twill materials, and nearly all were warp-faced. For the most part, they were middy twills or jeans, having been made with only 3, 4, or 5 harnesses. Only one of the group was a true gabardine with 11 harnesses.

The ginghams were yarn-dyed fabrics of plain weave, woven in stripes, plaids, and checks. Generally, imported substitutes often found in the retail stores at very high prices were not bought. They were not deemed typical of the group.

Percales were printed or plain-colored fabrics. No white ones were studied since they were similar to muslin or sheeting in construction. High-count "balloon cloth" also was excluded.

Rayons

The rayon group of 483 fabrics in all comprised 106 challis, 79 crashes, 87 crepes, 116 taffetas, and 95 twills.

The challis were lightweight dress fabrics woven of spun rayon yarns and were similar in texture to wool challis. Most of these were of plain weave.

The crashes made of spun rayon yarns were plain or printed and resembled linen or cotton fabrics of the same type. All were of plain weave.

The crepes were lightweight fabrics of plain weave made from multifilament yarns and often called French crepe. The warp yarns had normal twist, and the filling yarns had enough twist to kink when raveled from the fabric and doubled.

The taffetas were woven of filament yarns with normal twist. These fabrics included bright rayon taffetas and pigment rayon taffetas. In

the majority of fabrics there were about one and one-fourth times as many warp as filling yarns. The printed fabrics of this type are used extensively for women's dresses; those of plain colors for women's slips. This group did not include the closely woven, crisp taffetas in which there may be three times as many ends as picks.

The twills were woven of spun rayon yarn and included both gabardines and serges. The former were 3-, 4-, and 11-harness uneven twills, and the latter were 4-harness even twills. Only two qualities of gabardines were purchased. The serges were classified by themselves and were divided into only two different levels of quality.

Wools

The wool fabrics studied were of two types: Flannel and herringbone suiting. In all, there were 111 fabrics—43 flannels, and 68 suitings.

The flannels were lightweight all-wool dress fabrics, the majority of which were of twill weave.

The suitings were broken-herringbone twills, usually with one-half-inch reverse repeats, suitable for women's suits.

Mixed Fabrics[3]

Sixty-three pieces of rayon-cotton crash and 48 pieces of rayon-wool flannel made up this group.

The rayon-cotton crashes simulated all-cotton fabrics. These materials were woven of spun yarns which usually were composed of nearly equal amounts of cotton and rayon staple fiber.

The rayon-wool flannels consisted of lightweight dress fabrics of plain and twill weave. Some were labeled as having 60 percent wool, others as having only 40 percent wool. About four-fifths of the whole group contained more rayon than wool.

EXPERIMENTAL PROCEDURE

After the fabrics were obtained they were indexed as to quality, place of purchase, price, width, weave, and type of yarn. Any information obtained from labels or salespersons was also recorded. All fabrics were analyzed in the laboratory for content, weight per square yard, yarns per inch, breaking strength (dry and wet), amount of dimensional change in washing, and colorfastness to light, washing, and perspiration. In addition, for the rayons, wools, and mixtures, the elongation of the dry and wet fabrics and the amount of dimensional change resulting from dry cleaning and wet cleaning were determined.

Content of Fabric

Each fabric was analyzed to ascertain its total sizing and fiber content. Total sizing was determined by boiling specimens for 10 minutes in 0.1 N HNO_3 according to the method described in American Society for Testing Materials designation: D629–42T (*3*). Cellulose acetate rayon was removed from the mixed fabrics by dissolving it in acetone (*3, p. 62*). Mixtures containing both cotton and viscose rayon were analyzed by dissolving the viscose rayon in a 60-percent solution of H_2SO_4 by the method described by Howlett, Morley, and Urquhart (*7*). Cotton was dissolved from cotton and wool mixtures by a 75-percent solution of H_2SO_4 by the method described by the same workers.

Weight per Square Yard and Count

For weight-per-square-yard determinations, 2-inch squares were weighed on a torsion balance calibrated to read in ounces per square yard (*3, p. 76*). An average for five specimens was reported as the weight of a square yard of fabric. All samples were conditioned in a standard atmosphere of 65-percent relative humidity and 70° F. before weighing.

The count or number of yarns per inch was determined from the warp and filling strips after they had been prepared for breaking-strength tests. An average of five specimens was reported.

Breaking Strength and Elongation

The raveled-strip method and the method for measuring elongation outlined in A. S. T. M. designation: D39–39 were followed in determining

[3] Wool and cotton dress flannels were included in the original plans for the project; however, since only five such materials were obtained, this group was dropped in the analysis of data.

breaking strength and elongation (*3, pp. 76 and 77*). Strips 14 inches long were prepared. Each strip was cut in half and one piece used for the breaking strength and elongation determinations of the dry fabric; the other for the breaking strength and elongation determinations of the wet fabric. An average of 10 determinations was taken for each measurement. The dry specimens were conditioned in a standard atmosphere before testing. The specimens for the wet breaking-strength determinations were wet out for 2 hours in distilled water at room temperature, and then removed one at a time and broken immediately.

Dimensional Change

Washing.—Specimens 20 inches square on which were marked 18-inch squares were used for determining dimensional change (shrinkage or stretch) in laundering of the cottons, rayons, and rayon-cotton mixtures.

The standard method of test for determining shrinkage in laundering of woven cotton cloth adopted by the American Association of Textile Chemists and Colorists (*2*) and as Commercial Standard CS59–44 (*15*) was followed for all the cotton fabrics.

The method outlined by the American Association of Textile Chemists and Colorists (*2*) for determining the shrinkage of fabrics other than cotton was followed for the rayons and rayon-cotton mixtures.

In accordance with the Commercial Standard CS59–44 method for shrinkage in laundering of woven fabrics other than cotton and linen (*15*), 14-inch squares of the wools and wool mixtures, on which were marked 10-inch squares, were used to determine shrinkage.

In all procedures for determining dimensional change, pressing of the fabrics was done by hand ironing. The iron was raised and lowered without sliding back and forth on the specimen so that the fabric would not be distorted.

Dry cleaning.—All the fabrics except the cottons were dry-cleaned and wet-cleaned. One 14-inch square specimen of each fabric, on which was marked a 10-inch square, was used.

The specimens of fabrics purchased by each of the cooperators were sent to the Ellen H. Richards Institute, where they were dry-cleaned according to the Commercial Standard CS59–44 method for determining shrinkage in dry cleaning of woven fabrics (*15*). After cleaning, all were returned to the respective cooperators for pressing and measuring.

Wet cleaning.—After the dry-cleaned swatches had been pressed and measured they were wet-cleaned according to the method described in Commercial Standard CS59–44 for cleaning by the wet procedure (*15*). The fabrics were again measured and the dimensional change calculated.

Colorfastness

Determinations of colorfastness to light, washing, and perspiration were made for all fabrics. In evaluating color change in the specimens a standardized illumination was used in a darkroom or in a cabinet painted a flat black, inside and out, as described by Borton and co-workers (*4*). The light was furnished by a 150-watt clear tungsten filament lamp with an aluminum-painted reflector. The true color temperatures were measured with an optical pyrometer for varying amounts of current and a temperature was chosen within the range 2,300° to 2,900° K. as recommended in the present tentative specifications (*1*). If it was impossible to reach even the lower limit, 2,300° K., the nearest temperature thereto which could be reached was used. The same color temperature was held for judging all specimens.

The exposed samples were judged against a light gray background, a Munsell No. 7 paper placed on a mounting board having a 45° elevation. An illumination of 60-foot candles was maintained on the fabrics, the lamp illuminating them from above.

Colorfastness to light.—The specimens were prepared, then faded in a FDA-type Fade-Ometer by the method described in Commercial Standard CS59–44 for determining colorfastness to light (*15*). One specimen of each fabric was exposed for 40 hours. Then one-half of the exposed area was covered with black cardboard and the uncovered area exposed another 40 hours. The specimens were stored in the dark at room temperature for at least 2 hours before colorfastness was rated.

In the evaluation of color changes caused by light, the specimens were compared with changes in color standards supplied especially for the purpose by the Ellen H. Richards Institute. These standards included a swath of new material and samples showing three gradations of fading for each of seven colors—yellow, red, rose, light blue,

dark blue, brown, and black. Materials which, after testing, showed no visible color change in comparison with new materials were assigned an arbitrary rating of 1. The samples showing slight fading, appreciable fading, and severe fading were designated as 2, 3, and 4, respectively. However, in comparing the exposed samples with the standards considerable difficulty was experienced in distinguishing between classes 2 and 3, particularly in printed fabrics where the design had several colors. Consequently for this report these two classes were combined and the following ratings used in evaluating the color change: 1, no fading; 2, appreciable fading but not sufficient to render the fabric useless; and 3, severe fading.

Colorfastness to washing.—Determinations of colorfastness to washing were made for all the fabrics by the methods described in Commercial Standard CS59–44 for determining colorfastness to laundering of cotton, linen, and rayon textiles (*15*). The cotton fabrics were washed by both the No. 2 and No. 3 test procedures; the rayons, wools, and mixtures by the No. 1 test procedure.

To evaluate color change resulting from washing, treated specimens were compared with the original fabric. The ratings used to evaluate the change in color are: F, faded; 1, not faded in No. 1 test; 2, not faded in No. 2 test; 3, not faded in No. 3 test.

Colorfastness to perspiration.—Determinations of colorfastness to both acid and alkaline perspiration were made for all the fabrics by the Commercial Standard CS59–44 method for determining colorfastness to perspiration (*15*).

Treated specimens were compared with new material in order to determine the change in color. The ratings used in evaluating color changes caused by perspiration are: 0, faded, bled, not washed out; 1, not faded, bled, not washed out; 2, not faded, bled, washed out; 3, not faded, not bled.

RESULTS

Much of the information concerning specific fabrics obtained from labels or from salespersons was found to be inaccurate. For example, most fabrics sold as gabardine (both cotton and rayon) were really plain 3-, 4-, or 5-harness twills. Many materials sold as all rayon proved to be partly or wholly cotton. Information pertaining to the fiber content of wool and part-wool fabrics was usually accurate. Several cottons were marked "fast color" but some failed to fulfill colorfastness claims made for them. A few cottons and rayons were tagged "preshrunk", but some either stretched or shrank in the cleaning procedure.

Results of laboratory analysis of the 1,080 fabrics are given in tables 1 to 18 and in figures 1 to 15.[4] The summary tables include the mean, standard deviation, and range for all the fabrics of the best, medium, and low levels of quality for each of the four buyings (fall 1944, spring 1945, fall 1945, spring 1946) and for the total number of fabrics at each level of quality. The tables on colorfastness report the percent of colored fabrics in each quality having a specific rating.

[4] Supplementary tables, giving data on weight per square yard, yarns per inch, breaking strength, elongation, dimensional changes in cleaning, and colorfastness to light, washing, and perspiration for each fabric, are available on loan from Bureau of Human Nutrition and Home Economics.

Frequency-distribution charts (figs. 1 to 15) of the three levels of quality of fabrics were plotted for price, weight, yarns per inch, breaking strength (dry), elongation (dry), and dimensional change in washing, dry cleaning, and wet cleaning in order to show graphically which properties are the most important criteria of quality.

The fabrics shown between the parallel vertical dashed lines on the frequency-distribution charts include the middle one-third of the total number of fabrics in the group. Those to the right represent the one-third highest in a specific property, and those to the left the one-third lowest in that characteristic.

Colorfastness data were plotted in bar diagrams for the percent of the number of fabrics (excluding white) at each level of quality which showed color changes from light, washing, and perspiration.

Cottons

Broadcloth.—The frequency-distribution graphs in figure 2 indicate that, generally, the broadcloths bought for the best quality were superior to those of the medium and low qualities. Although prices for the best fabrics covered a wider range than those for either of the other two qualities, the average price was substantially higher for broad-

cloths of the best quality. The mean value for fillingwise breaking strength also was considerably higher for the best fabrics. Mean shrinkage in the best fabrics was only about one-half that in the other qualities in the warpwise direction. Broadcloths purchased for the best quality were superior to those of the medium and low qualities in colorfastness to light and washing (fig. 1).

Many of the fabrics purchased as broadcloth failed to comply with the tentative specifications proposed by White and Hays (*17*) and the A. S. T. M. designation: D504–41T (*3*) for this type of fabric. Of the 52 so-called broadcloths included in the study, 5 were lighter and 10 were heavier than the range of 3.0 to 4.0 ounces per square yard designated in these specifications for the different types.

These specifications call for 100 and 146 warp yarns and for 54 and 72 filling yarns to the inch for type 1a and type 3 broadcloths, respectively. Of the fabrics in this study 17, or about one-third, had less than 100 warp yarns to the inch; only 1 material had more than 146. In the filling, only 3 fabrics had less than 54 yarns per inch, whereas 21 had more than 72 yarns per inch. The mean warp count for all three qualities approximated the warp count for the lowest quality included in the specifications. On the other hand, the mean filling count for the best and medium qualities was practically that of the best quality (type 3) of broadcloth in the specifications.

The A. S. T. M. specifications for cotton broadcloth permit a maximum range in breaking strength (raveled-strip method) of 52 to 82 pounds per inch in the warp and of 18 to 30 pounds in the filling. Warpwise, 28 of the 52 fabrics in the study had a lower breaking strength and 3 a higher breaking strength than the range specified. In the filling, 8 fabrics were weaker than the lower strength designated and 19 fabrics were stronger than the upper limit set in the specifications. The mean warp breaking strength (dry) of the best quality of fabrics sold as broadcloths was approximately the same as that prescribed in the A. S. T. M. specifications for the lowest quality but the filling strength was double that required for type 1a broadcloths.

Few of the fabrics in this study complied with Federal specifications for broadcloth (*13*). Many failed to conform to the specification of being free from sizing and not having more than 1 percent shrinkage in either the warp or filling direction.

Chambray.—The graphs in figure 3 reveal that the three levels of quality of chambray differed mostly in number of yarns per inch and in price. The best quality had the highest and the low quality had the least number of yarns per inch. All qualities were quite similar in weight and breaking strength. Several of the fabrics in each level of quality shrank considerably—as much as 10 to 15 percent. A large percentage of the fabrics in each quality showed color changes in light and washing. There was a more consistent relationship between the average prices of the best, medium, and low qualities in chambray than in some of the other types of fabric; the average price for the three qualities was 74, 61, and 52 cents per yard, respectively.

Of the 68 fabrics purchased, 48 (nearly three-fourths of the group) weighed less than the 3.9 ounces per square yard called for in the Federal specification for class D chambray (*14*); 59 fabrics (86.8 percent) weighed less than 4.1 ounces per square yard, the minimum specifications proposed by White (*16*).

On the other hand, the majority of fabrics had a higher number of warp and filling yarns per inch than the minimum of 68 and 48, respectively, suggested by White. Warpwise, all but 8 fabrics had a lower breaking strength than the 56 pounds per inch that White specified. Conversely, 44 fabrics (64.7 percent) were stronger fillingwise than the 28 pounds called for in the proposed minimum specifications (*16*). There was little difference in the three qualities of chambrays with respect to colorfastness to light; however, the color of many fabrics of medium and low quality changed in washing. Lengthwise, chambrays of both medium and low quality shrank more than the best quality of material available; but crosswise the fabrics of so-called best quality shrank more than those of low quality.

Gabardine.—The prices of the three qualities of cotton gabardine differed substantially (fig. 4), but there were no marked or consistent differences in the properties of weight, yarns per inch, breaking strength, and shrinkage. Colorfastness to light and washing of fabrics of low quality was considerably inferior to the other two qualities.

Gingham.—The three qualities of cotton gingham were comparable in weight and breaking strength (fig. 5). The fabrics of the best quality had the most yarns per inch in both the warp and

filling, those of the low quality the fewest. Fabrics purchased for the best quality shrank the least and were superior in colorfastness to both light and washing. There was a wide range in prices in each of the three qualities.

The mean values of weight for the best, medium, and low qualities of gingham (3.28, 3.50, 3.62 ounces per square yard, respectively) were only slightly greater than the 3.2 ounces per square yard required in the Federal specification (*11*).

The yarns per inch of the best and medium qualities were higher and those of the low quality were lower than the count designated in the Federal specification, which is 64 and 52 yarns per inch in warp and filling, respectively.

When the mean warp and filling breaking strength values (raveled-strip method) were converted to corresponding grab strengths by the Mereness formula for cotton dress materials (*8*) they agreed with the 40 and 28 pounds per inch, warpwise and fillingwise, stipulated in the Federal specification.

Percale.—The frequency-distribution graphs in figure 6 show that the qualities of percale were quite similar in price and in all properties except the number of yarns per inch. All three qualities had low colorfastness to light, and the colorfastness to washing of the best quality was poorer than that of the two lower qualities. In both warp and filling the best quality had the largest number of yarns per inch and the low quality the least number of yarns per inch. The weight per square yard of these fabrics was a little less than the Federal specification of 3.1 ounces per square yard (*12*).

The average number of yarns per inch in each of the three qualities of percale, both warpwise and fillingwise, was lower than the Federal specification, which calls for 85 and 72 yarns per inch in warp and filling, respectively. Of the 71 percales only 15 exceeded 85 yarns per inch in the warp; only 13 exceeded 72 yarns per inch in the filling. All of these were of the best quality available in a community. The percales having more than 80 yarns per inch no doubt either were Government rejects or were made before the wartime regulation which prohibited the manufacture of 80-square percale for consumers became effective.

Few fabrics were as strong as 45 and 30 pounds in the warp and filling, the Federal specification for breaking strength of percale (*12*).

Rayons

On the whole, rayon fabrics were badly faded by light. Practically all the gabardines and serges changed color when exposed to a carbon arc lamp for 80 hours (table 12). At least 65 percent of the best quality of all other classes of rayon materials available at the time of purchase were faded appreciably by the same treatment. Washing at a moderate temperature with neutral soap caused many fabrics of each of the five types to change in color. The twills were least satisfactory in colorfastness to washing.

Challis.—The three qualities of rayon challis differed somewhat in price (fig. 7, pp. 24–27). All fabrics were quite similar in weight and number of yarns per inch, no distinct differences between levels of quality being discernible. Although the variability among the fabrics with respect to strength, elongation, and shrinkage in washing and wet cleaning was considerable, there were no marked differences between the qualities in respect to these properties. Shrinkage in washing and wet cleaning did, however, substantially exceed that caused by dry cleaning (fig. 7).

Crash.—There was no consistent delineation of the levels of quality of the rayon crashes by price or by any of the properties which were measured (fig. 8, pp. 28–31). These fabrics were quite similar in number of yarns per inch. There was some variation in weight per square yard and in warpwise breaking strength. In elongation at rupture and in dimensional change there were wide variations, with few indications of concentration around any one value. Shrinkage in dry cleaning was much less than in washing or wet cleaning.

Crepe.—The qualities of the rayon crepes were not significantly different in any of the properties investigated or in price (fig. 9, pp. 32–35). Wide ranges were found for all properties except weight per square yard. Seventy-one of the 87 crepes irrespective of quality shrank more than 5 percent in length when wet-cleaned and nearly half that many shrank more than 5 percent fillingwise when cleaned by the same process. Even in dry cleaning, the procedure which caused the least dimensional change, 29 crepes shrank 5 percent or more lengthwise and 9 showed a similar change in width. These results indicate that rayon crepes are unsatisfactory fabrics where dimensional stability is an important factor (*9*).

Taffeta.—The graphs of the data for the taffetas also show wide ranges in all properties except weight per square yard. There is, however, little difference in the values for the respective properties of fabrics of the various qualities. This is indicated by the almost identical graphs, one above the other, for the three qualities (fig. 10, pp. 36–39).

With the exception of taffetas of "low" quality, bought in the fall of 1945 and the spring of 1946, the mean values for breaking strength (dry) for all qualities of materials of this type bought at various periods are essentially the same. Likewise, there was little difference between the warp and filling breaking strength of the dry fabric, except for the last two sampling periods. For the most part, the number of yarns per inch was relatively high. Seventy-seven of the 116 materials had a warp count of between 92 and 100 and 51 had a filling count of 68 to 80.

Gabardine and serge.—Laboratory results failed to reveal any appreciable differences in the properties of the different qualities of gabardine or serge and often little difference in the properties of these two types of twill (fig. 11, pp. 40–43). For example, the number of filling yarns per inch was practically the same for the two qualities of gabardine and of serge. Similarly, there was little difference in weight per square yard of the two qualities of gabardine and serge and less than an ounce difference between the two kinds of material.

The gabardines and serges differed most in the number of warp yarns per inch, the gabardines ranging from 90 to 127 per inch. Except for two fabrics, the serges ranged from 51 to 88 warp yarns to the inch. The gabardines were more extensible lengthwise than the serges but the serges elongated more in the fillingwise direction.

Wools

Flannel.—There was a consistent difference in the number of yarns and breaking strength per inch both lengthwise and crosswise in the three qualities of flannel. There was also a uniform difference in average price between the best and medium qualities and the medium and low qualities. Colorfastness to light was poor for all three qualities of flannel (fig. 12, pp. 44–47).

Herringbone suiting.—The three qualities of suiting were approximately the same with respect to mean weight per square yard and number of yarns per inch (fig. 13, pp. 48–51). Similarly, there was little difference in the breaking strength and extensibility of the three qualities in either the warp or filling direction.

Although there was a big difference between the two types of wool fabric, they were practically alike in breaking strength. As in the flannel, washing caused the greatest shrinkage in the suitings (fig. 13). A higher percentage of suitings than flannels was not colorfast to washing.

Mixed Fabrics

Rayon-cotton crash.—In general, the physical properties of this type of mixed fabric were similar to those of the all-rayon crashes. The mean filling count of the best and medium qualities of the mixed materials and the mean values for the weight per square yard, breaking strength, and shrinkage in washing and wet cleaning were slightly lower for the rayon-cotton fabrics than for similar all-rayon materials (figs. 8 and 14, pp. 28–31 and 52–55). In the main, the mixed materials shrank a little less than all-rayon fabrics of the same type when washed and wet-cleaned. However, except for the rayon crepes and twills, the colorfastness to perspiration of the rayon-cotton crashes was poorer than of any of the all-cotton or all-rayon fabrics.

Rayon-wool flannel.—The three qualities of mixed flannel were not markedly different in respect to the various properties studied (fig. 15, pp. 56–59). They were, however, much lower in price than the all-wool fabrics of the same type. Also, they had a somewhat higher count and breaking strength than similar fabrics made entirely of wool. There were wide differences between the two types of flannel as regards shrinkage in washing.

There was no consistent gradation in the amount of wool in each quality of the mixed fabrics. The wool content for the best, medium, and low qualities of rayon-wool flannel ranged from 17.6 to 84.9 percent, 2.4 to 73.4 percent, and 13.7 to 82.9 percent, respectively.

Comparison of Fabrics

Of the cotton fabrics, the gabardines were much heavier than the other four types, which were about equal in weight. The percales and the

ginghams were weakest and similar in breaking strength, the broadcloths and chambrays were equally strong, the gabardines the strongest.

Comparisons of the rayons revealed that the twills were much heavier than the rest of the rayons; the challis and crashes were similar in weight and were heavier than the crepes and taffetas, which were likewise about equal in this property. All were similar in breaking strength except the rayon twills, which were stronger in the warpwise direction than any of the others. The gabardines warpwise and the crepes both warpwise and fillingwise were nearly equal in elongation and were more extensible than the other types. The crepes shrank much more than the other four types of rayons.

In the case of the wools and mixtures, the rayon-cotton crash was the lightest in weight, and the wool herringbone suiting was the heaviest. The wool flannel and rayon-wool flannel were similar and intermediate in weight. The all-wool fabrics were weaker and shrank more than the mixtures.

COMPARISON OF PREWAR AND WARTIME FABRICS

In Price

The data revealed no marked trends toward an increase or decrease in the price of fabrics purchased during the 2-year period studied (fall of 1944 to the spring of 1946) except for the rayon crepes. The crepes purchased in 1946 were considerably higher in price than similar materials purchased in 1944.

The trends in retail prices of fabrics purchased for this study were substantiated by trends in the wholesale prices of textiles reported by the Bureau of Labor Statistics (*10*). Even though wholesale prices of textile products have increased steadily for several years, increases from 1944 to 1946 were small. For example, in 1938 the wholesale price of cotton percale was 8.6 cents per yard. In 1944 and 1945, the years covered by this report, it was 15.0 and 15.2 cents per yard, respectively, an increase of 75 percent over the 1938 price.

The index numbers of textile prices also have risen steadily in recent years. In 1938 the index number of prices for textile products was 66.7 in contrast to 84.8, 96.9, 97.4, 98.4, 100.1, and 116.3 for the years 1941, 1942, 1943, 1944, 1945, and 1946, respectively. The indices for cotton goods alone were 115.7 and 121.4 in 1944 and 1945, respectively. However, this increase in index numbers was not always accompanied by a substantial rise in wholesale price for all kinds of textile goods, as indicated by the 0.2 cents per yard increase (from 15.0 to 15.2 cents) in the wholesale price of percale within the 2-year period 1944–45.

In the case of woolen and worsted goods the index number was 112.7 for both 1944 and 1945. The wholesale price of woolen dress flannels declined slightly during these years, from $1.350 per yard in 1944 to $1.289 per yard in 1945, whereas the wholesale price of worsted dress flannels remained the same, $1.693 per yard. However, these prices were considerably higher than the 1938 prices of $0.855 and $1.284 per yard for woolen and worsted dress flannels.

In Shrinkage

The most comprehensive previous study of shrinkage in clothing fabrics was reported by Searle and Mack in 1939 (*9*). In that investigation 301 fabrics commonly purchased on the retail market for women's and children's apparel were laundered and 269 were dry- and wet-cleaned. Searle and Mack set an arbitrary value of 2 percent or under in the direction of greatest shrinkage as the criterion for satisfactory performance. A 2-percent shrinkage amounts to approximately three-fourths inch per yard. A greater change than that would necessitate alterations in a garment. For the comparison of wartime with prewar materials, the fabrics which stretched were not considered separately and were treated as not shrinking since this procedure was followed in the former study.

Cottons.—A greater percentage of wartime than prewar cotton fabrics came within the arbitrary standard of satisfactory shrinkage performance in laundering. Of the 375 cottons purchased in 1944–45, 38.4 percent shrank 2 percent or less in either direction, whereas only 6.3 percent of the 222 prewar cottons which were laundered shrank 2 percent or less. The maximum shrinkage for the wartime and prewar fabrics was 18 and 17 percent, respectively.

Rayons.—Searle and Mack found that 57.5 percent of the 127 prewar acetate, viscose, and acetate-viscose rayon fabrics shrank 2 percent or less in dry cleaning. When they were wet-cleaned only 7.1 percent came within the allowable 2 percent for satisfactory performance. On the other hand, 73.7 percent of the wartime fabrics shrank 2 percent or less in dry cleaning and 9.3 percent came within this limit in wet cleaning.

Wools.—Of the 48 prewar wool fabrics 54.2 percent shrank 2 percent or less in dry cleaning. In contrast, 75.7 percent of the 111 all-wool wartime materials came within the 2-percent shrinkage limit when dry-cleaned. However, when they were wet-cleaned only 6.3 percent of the prewar and 2.7 percent of the wartime fabrics shrank 2 percent or less.

In Colorfastness

The 1,022 colored wartime fabrics included in this study were compared for colorfastness with 1,000 prewar fabrics purchased since 1935 (*4*).

To light.—In colorfastness to light the colored wartime fabrics were inferior to the prewar fabrics. Upon exposure to 40 hours of light only a little over a fourth of the 1,022 wartime materials (28.7 percent) exhibited no color change. In contrast, over one-half (58.0 percent) of the 1,000 prewar fabrics held their color. Borton and coworkers (*4*) reported that the 40-hour laboratory test for colorfastness to light is not sufficiently rigorous to predict wear performance accurately. When the wartime fabrics were exposed to light for another 40 hours 19.2 percent showed no change in color.

To washing.—Of the 326 colored wartime cottons laundered with a neutral soap at 120° F. (test No. 2), 74.5 percent held their color, as compared with 97.8 percent of 328 prewar cotton fabrics laundered with neutral soap at 105° F. When these same cottons were laundered with soap and soda ash at 160° F. (test No. 3), 59.5 percent of the wartime and 91.2 percent of the prewar materials showed no change in color.

Of the 696 colored rayons, wools, and mixtures bought in the period 1944 to 1946 and laundered with a neutral soap at 105° F. (test No. 1), 51.9 percent revealed no color change. Of 223 similar prewar fabrics laundered with a neutral soap at 100° F., 86.3 percent did not change color. In other words 34.4 percent more prewar than wartime fabrics held their color.

To perspiration.—The prewar fabrics were superior to the wartime fabrics in colorfastness to perspiration. Of the 1,000 prewar materials 96.2 percent neither exhibited a change in color nor "bled" when tested with acid perspiration, and 95.4 percent were likewise resistant to alkaline perspiration. In contrast, only 47.6 and 42.1 percent of the 1,022 wartime fabrics showed no change in color or bleeding with acid and alkaline perspiration, respectively.

To summarize, only 12.9 percent of 1,022 wartime fabrics were colorfast to mild washing, a 40-hour exposure to light, and acid and alkaline perspiration, whereas Borton and others (*4*) reported that 1,000 prewar fabrics, regardless of fiber content were found to have an over-all average of 65.9 percent in the highest class of performance with respect to 12 separate colorfastness tests.

Figure I.

COLORFASTNESS OF COTTON FABRICS

Comparison of Three Qualities

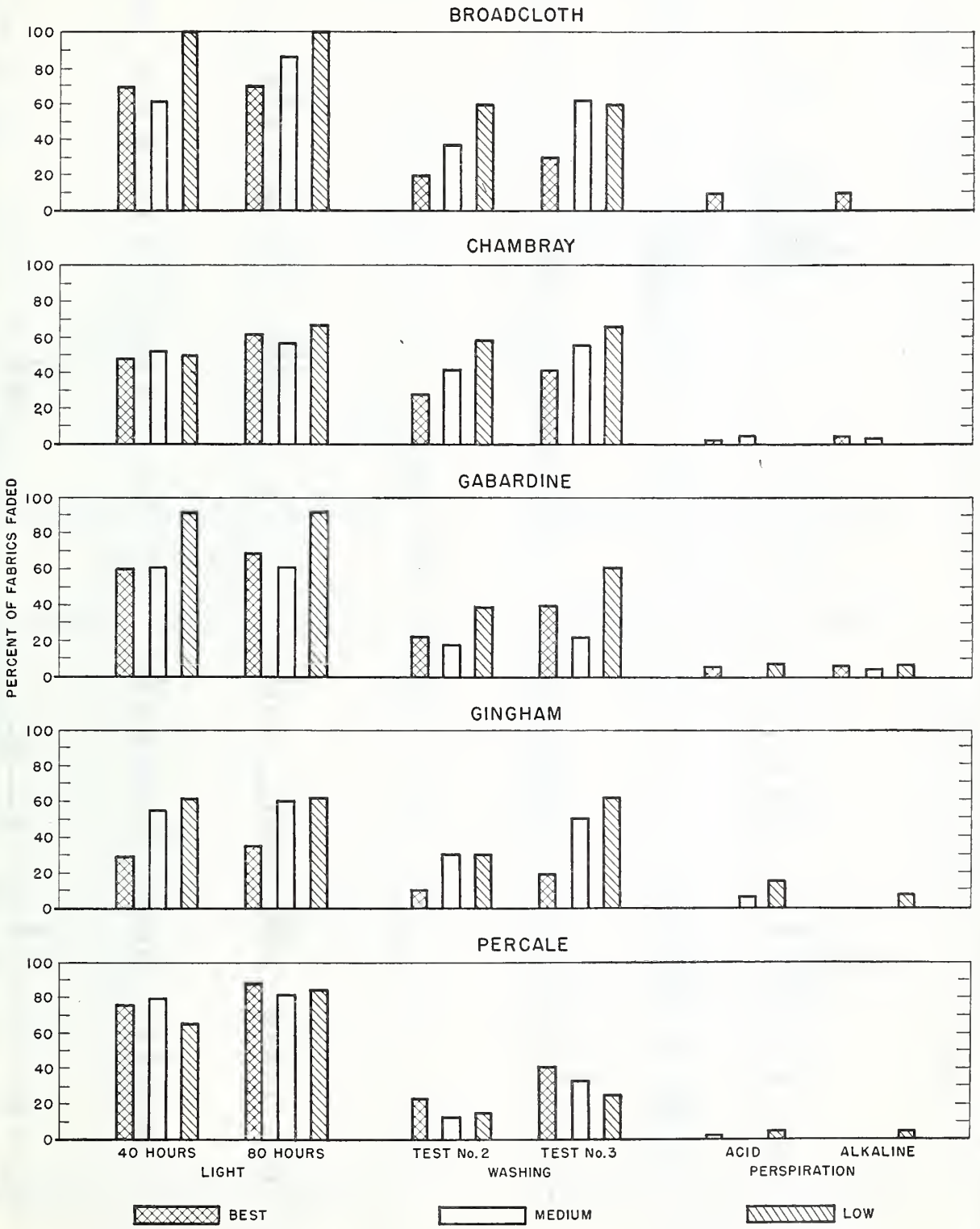

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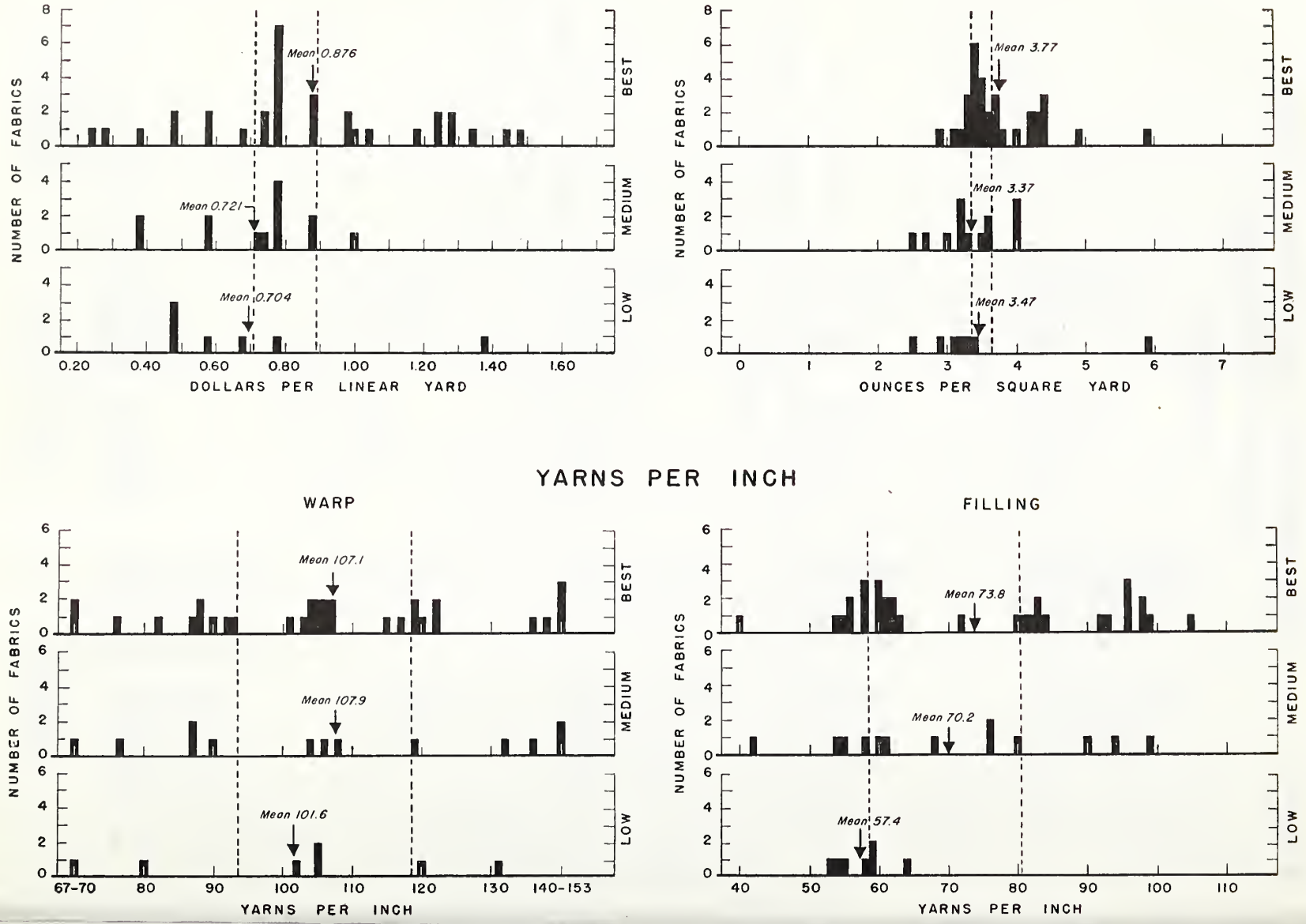
Figure 2. COTTON BROADCLOTH: Comparison of Three Qualities



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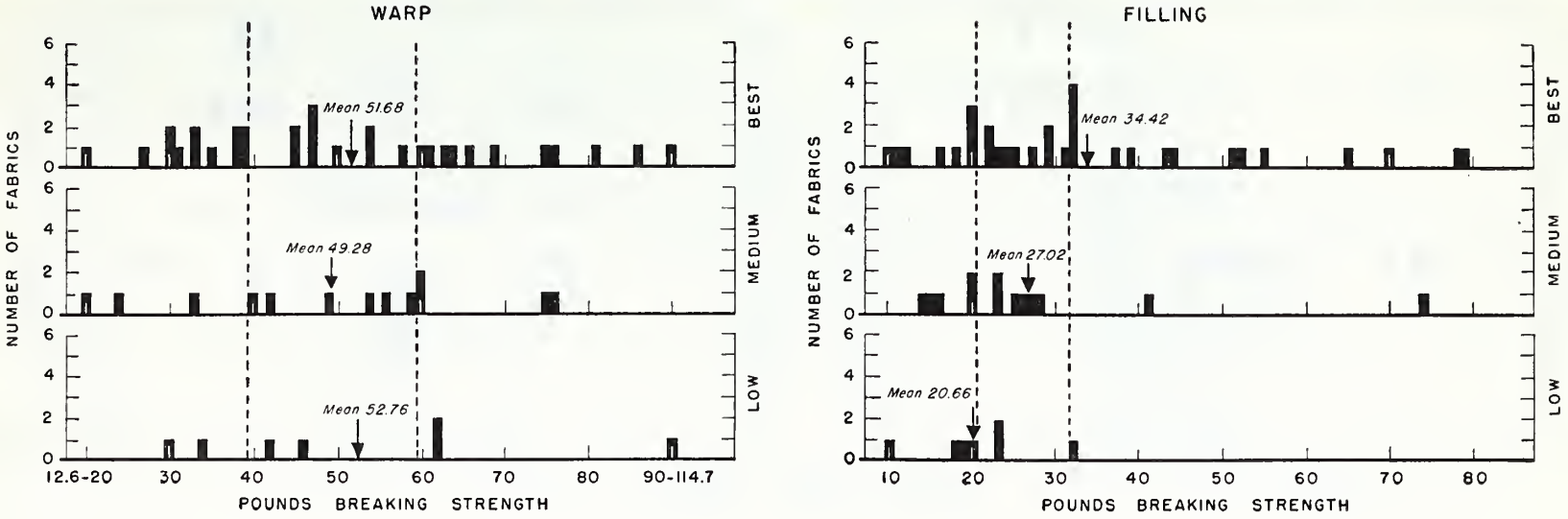

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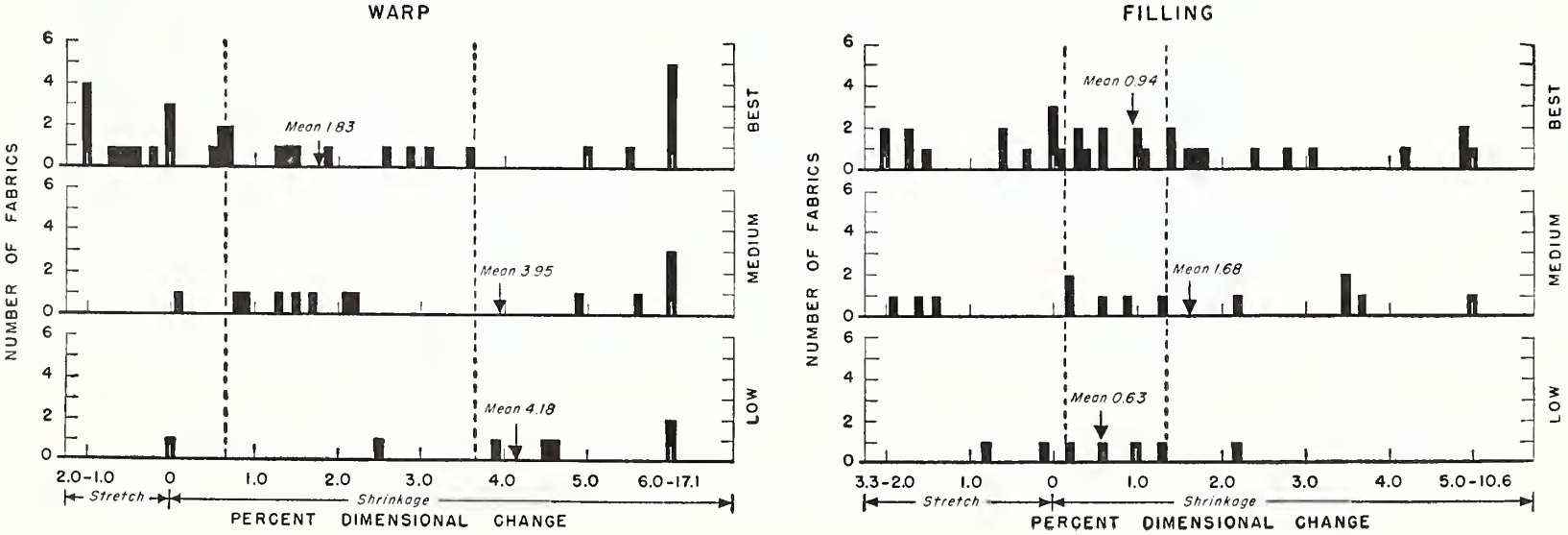
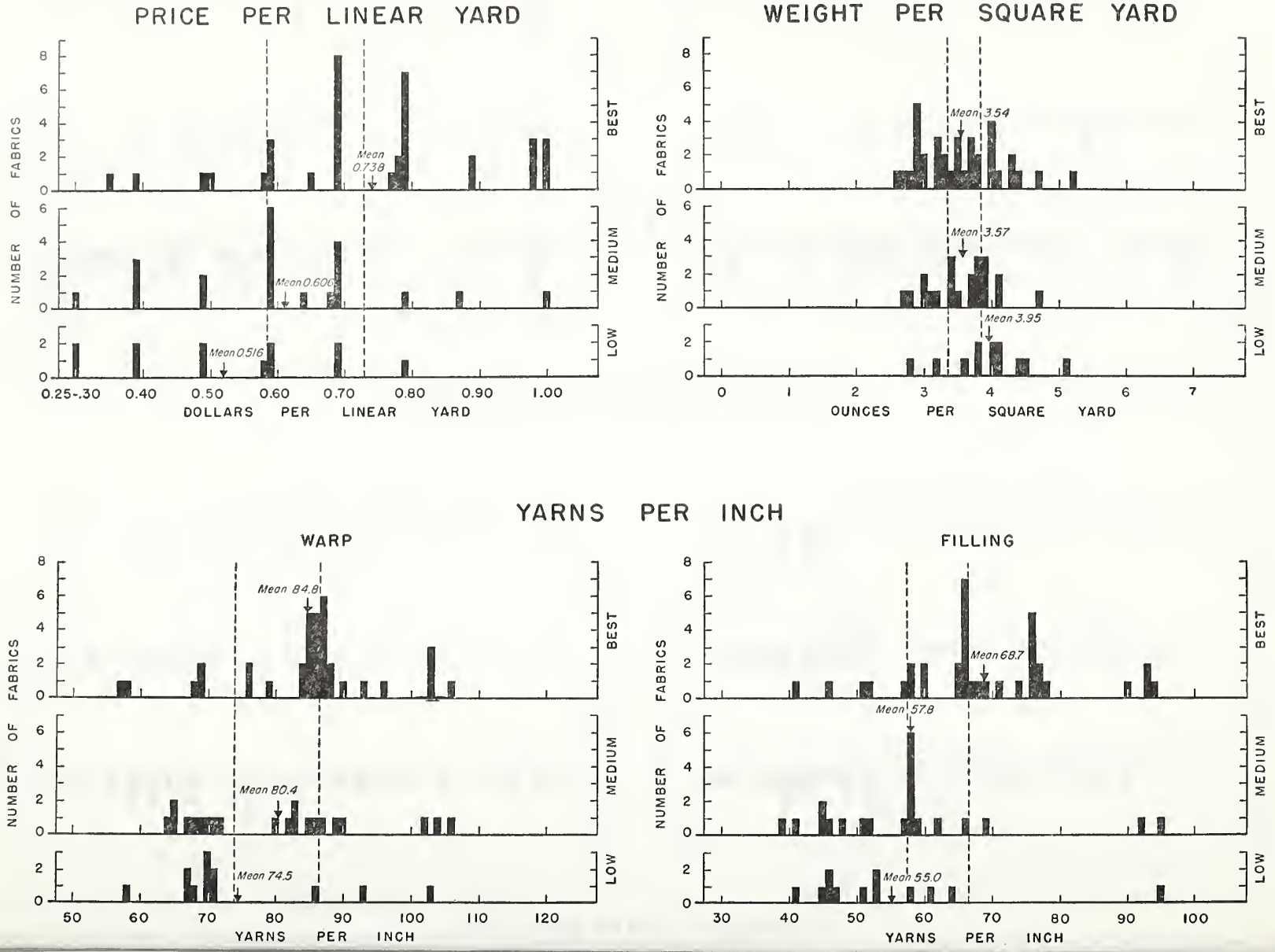


Figure 3. COTTON CHAMBRAY: Comparison of Three Qualities



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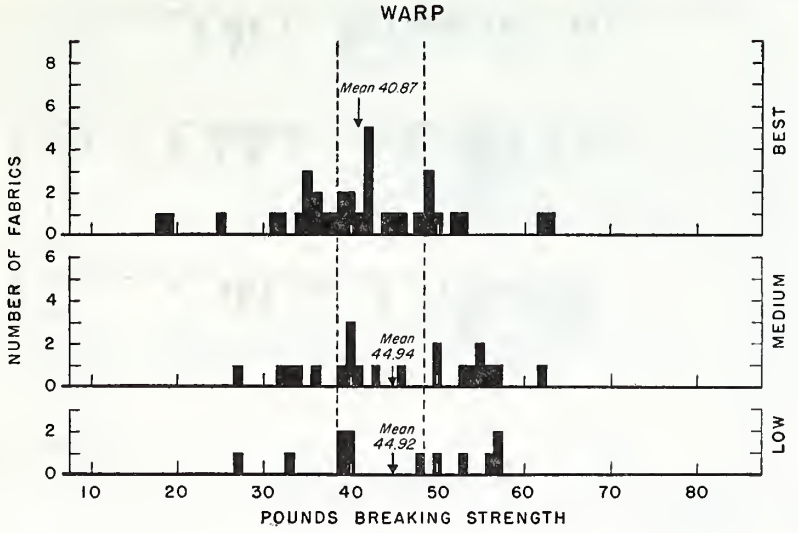

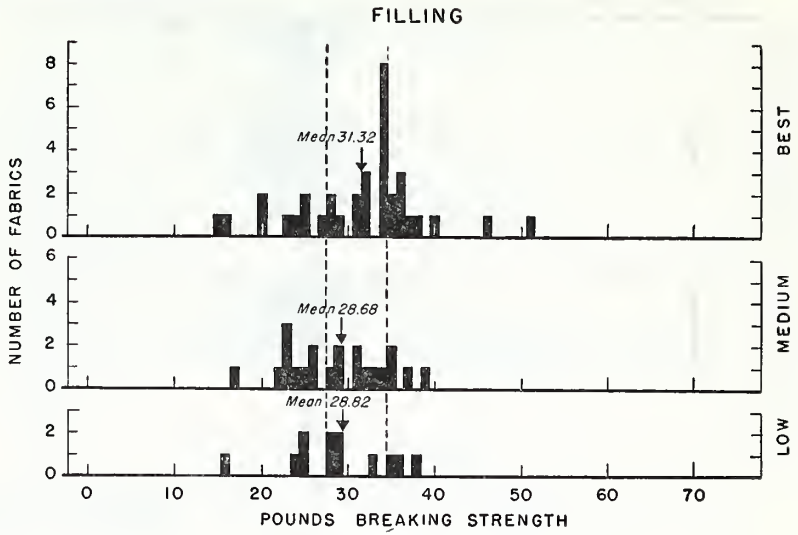

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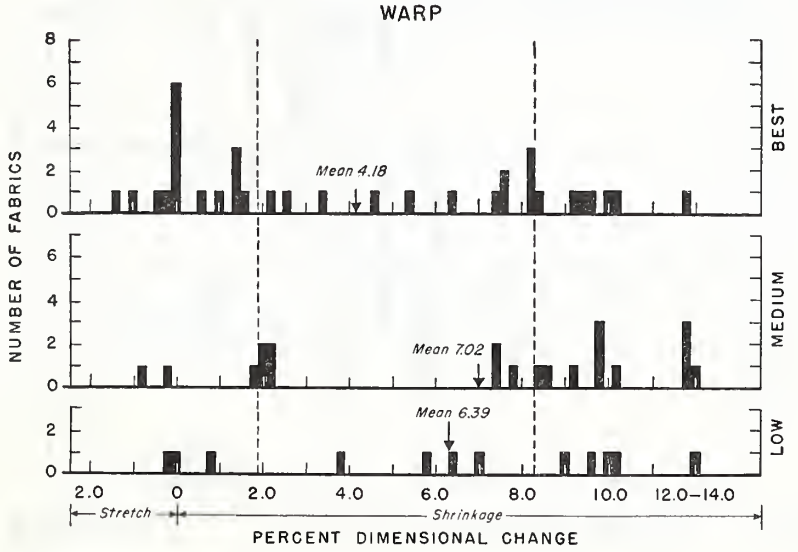


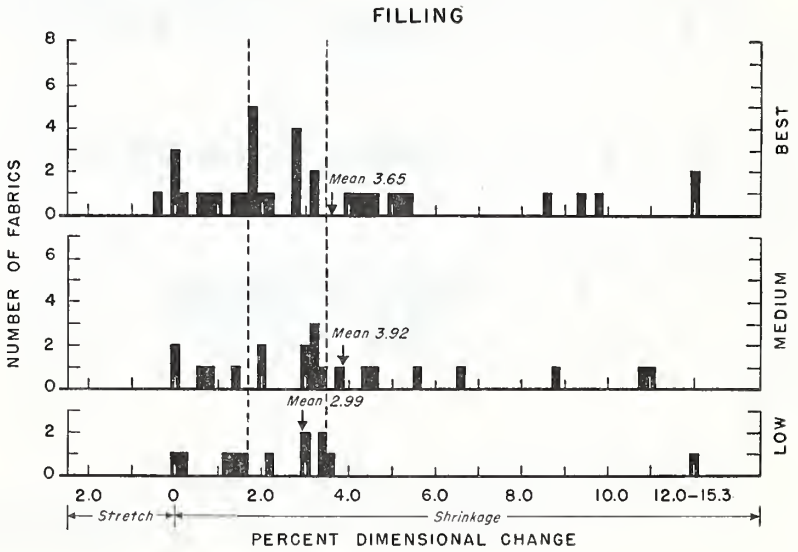
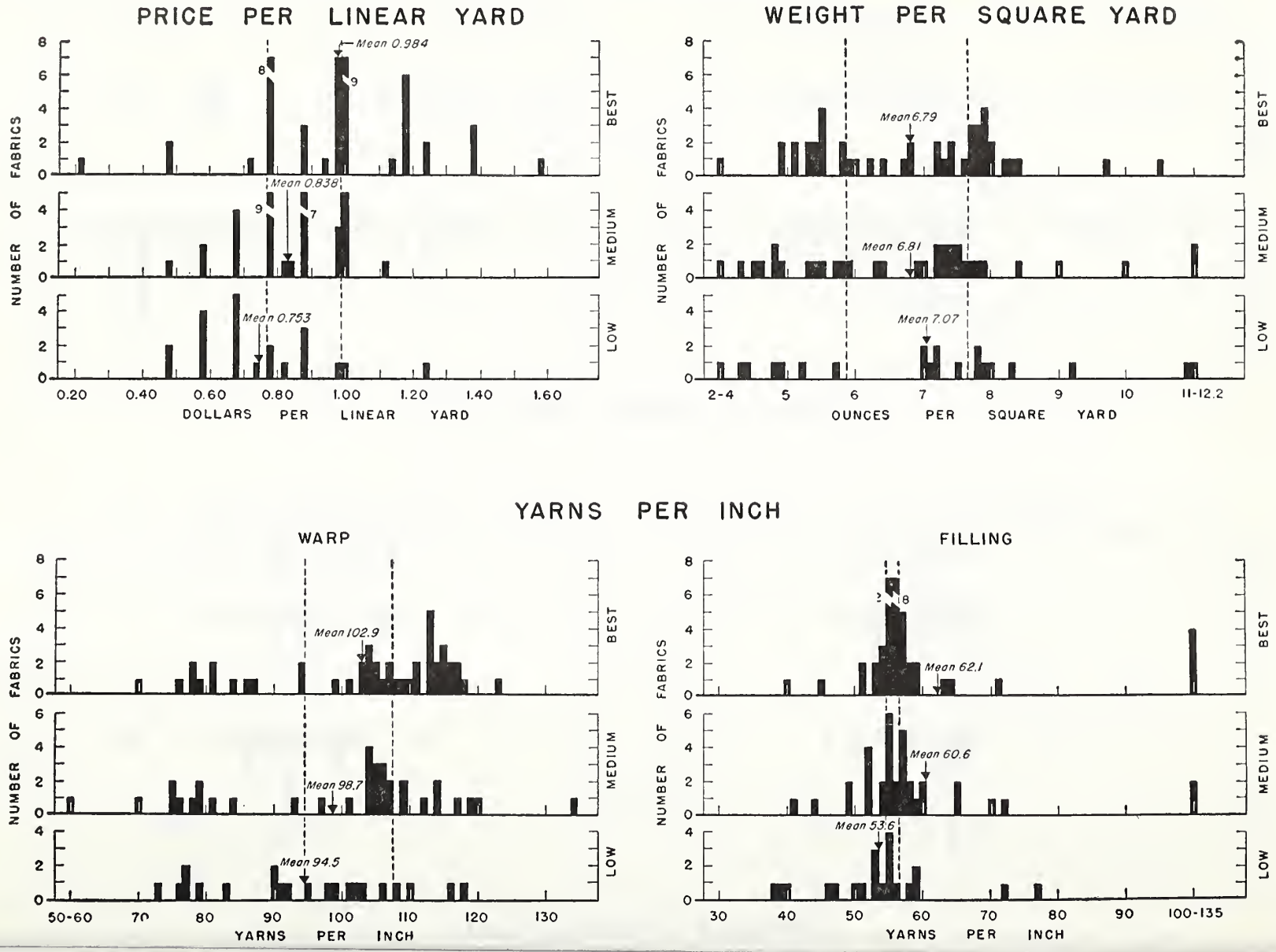


Figure 4. COTTON GABARDINE: Comparison of Three Qualities



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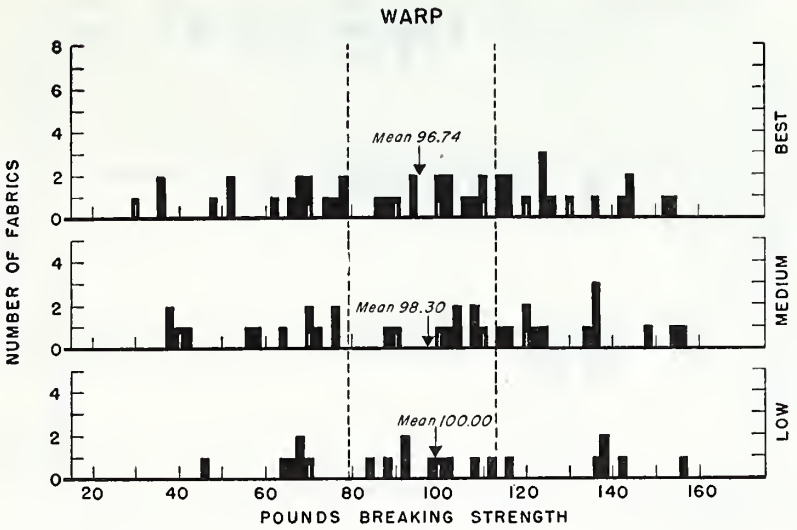

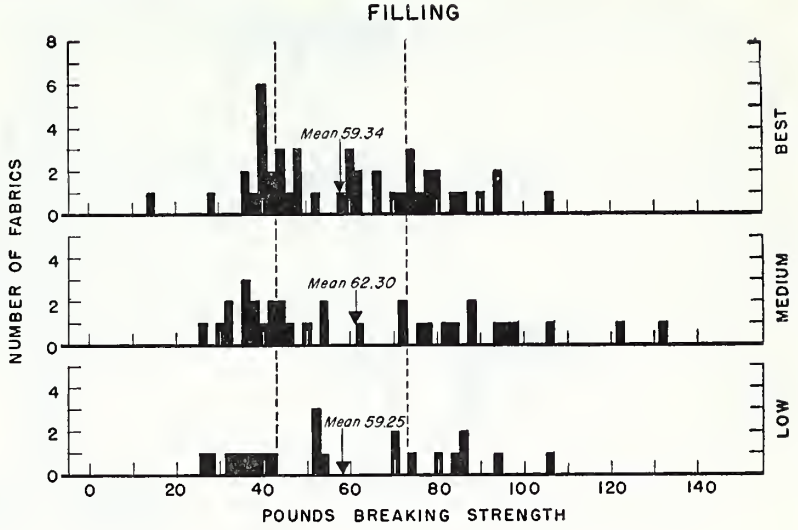

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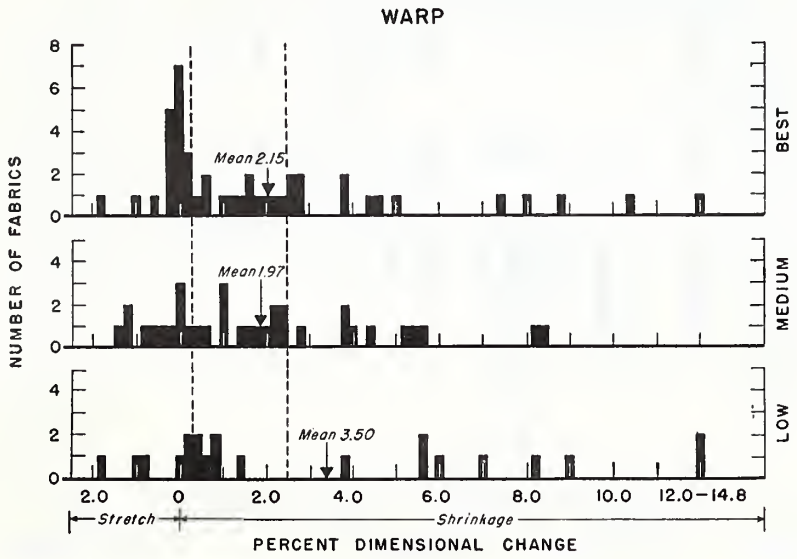


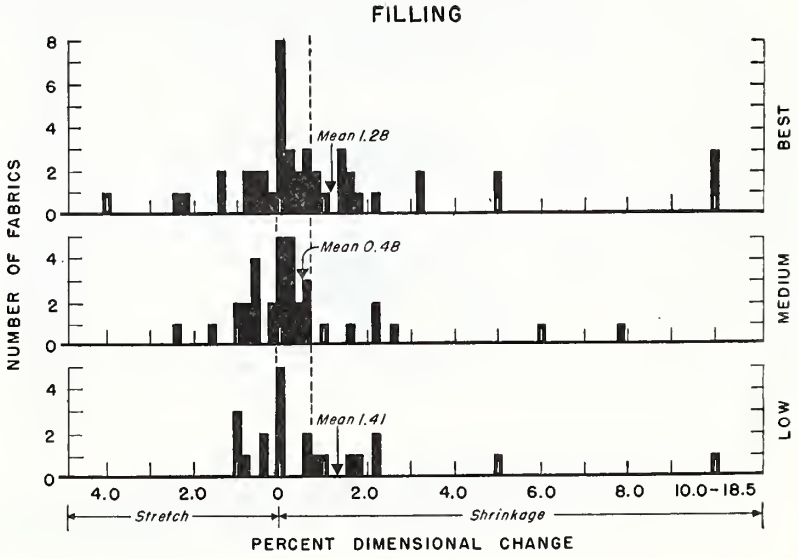
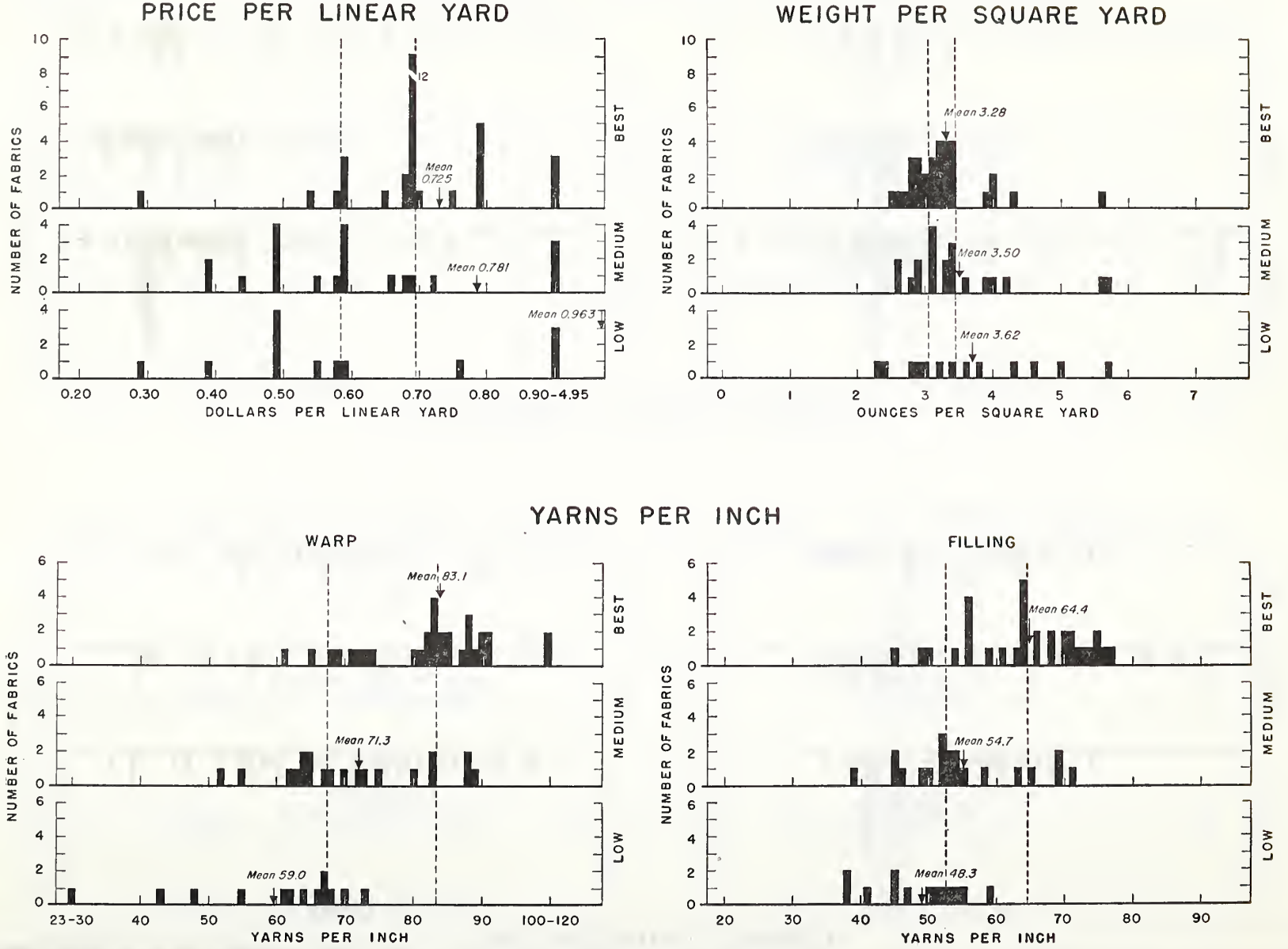


Figure 5. COTTON GINGHAM: Comparison of Three Qualities



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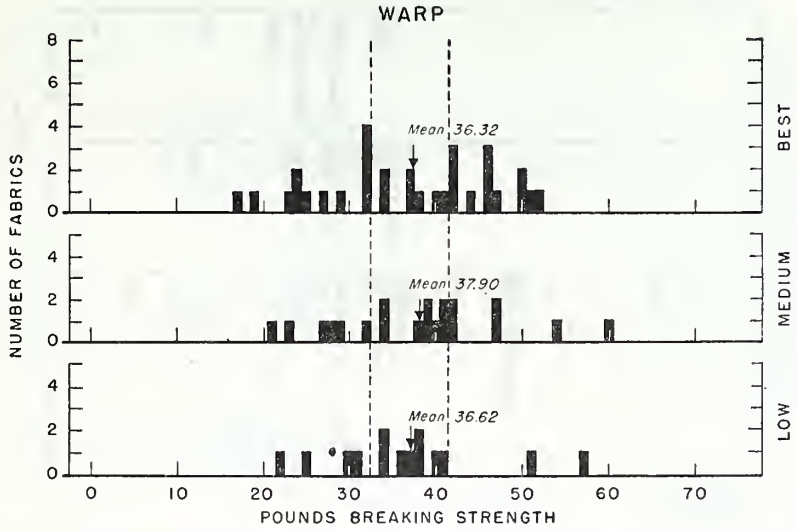

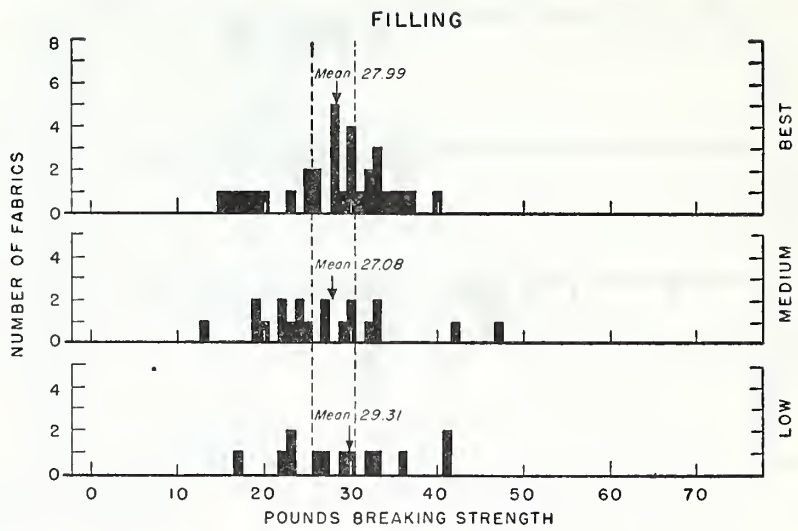

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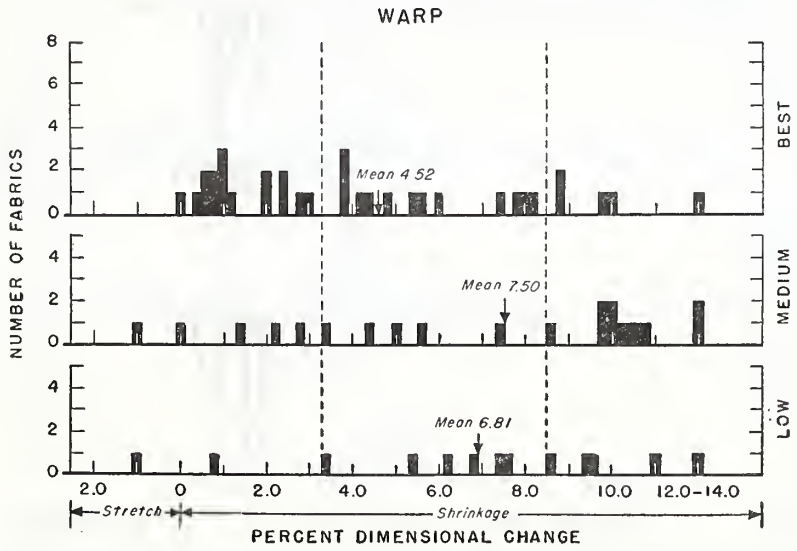


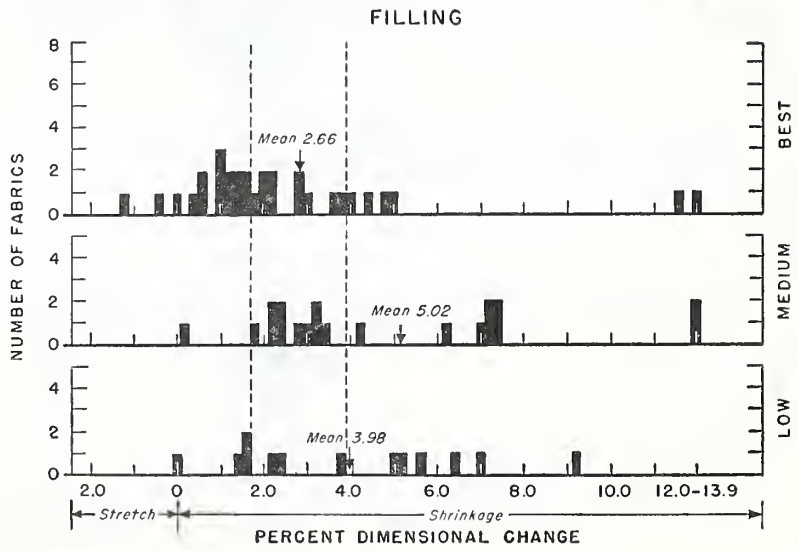
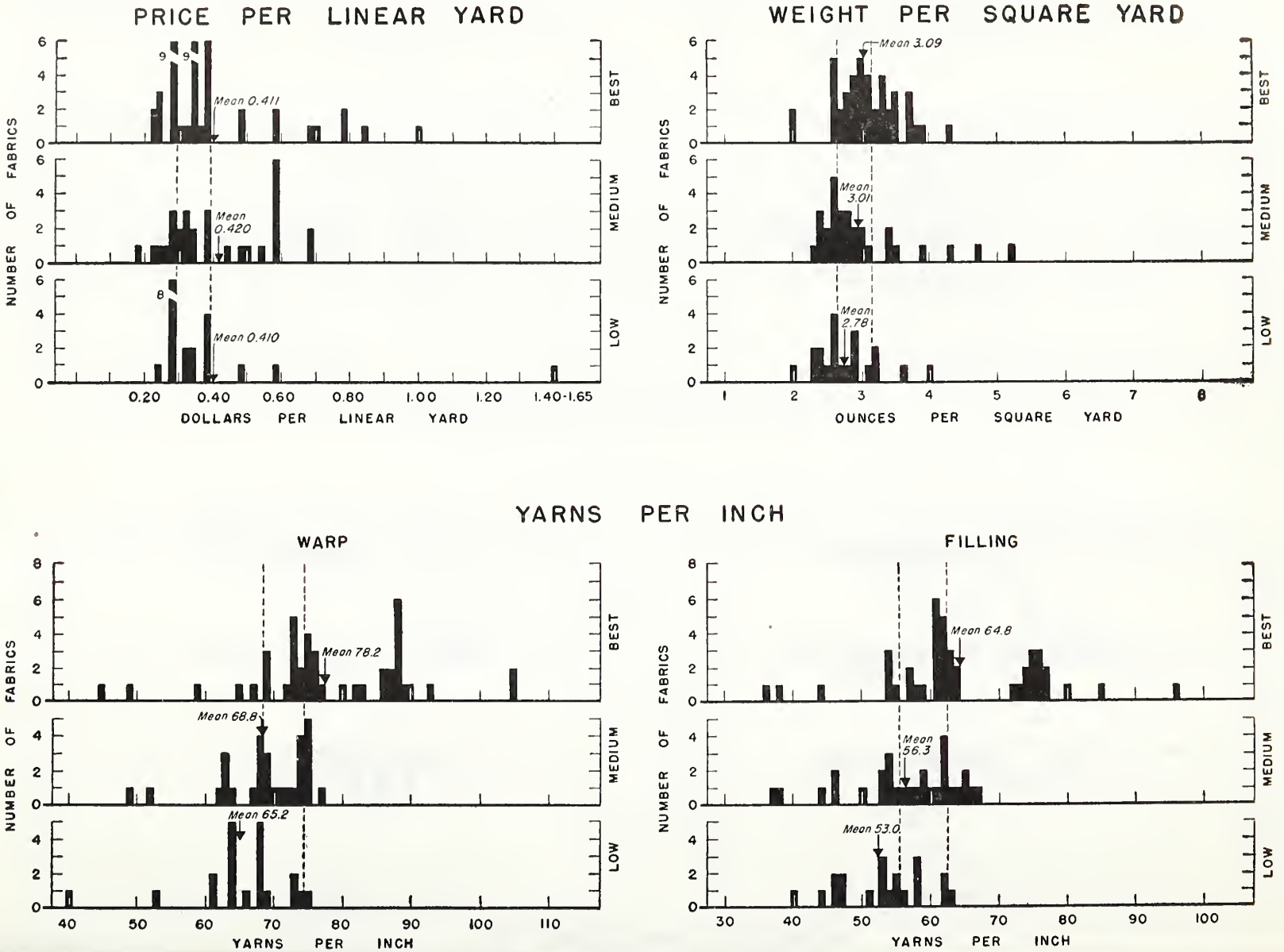


Figure 6. COTTON PERCALE: Comparison of Three Qualities



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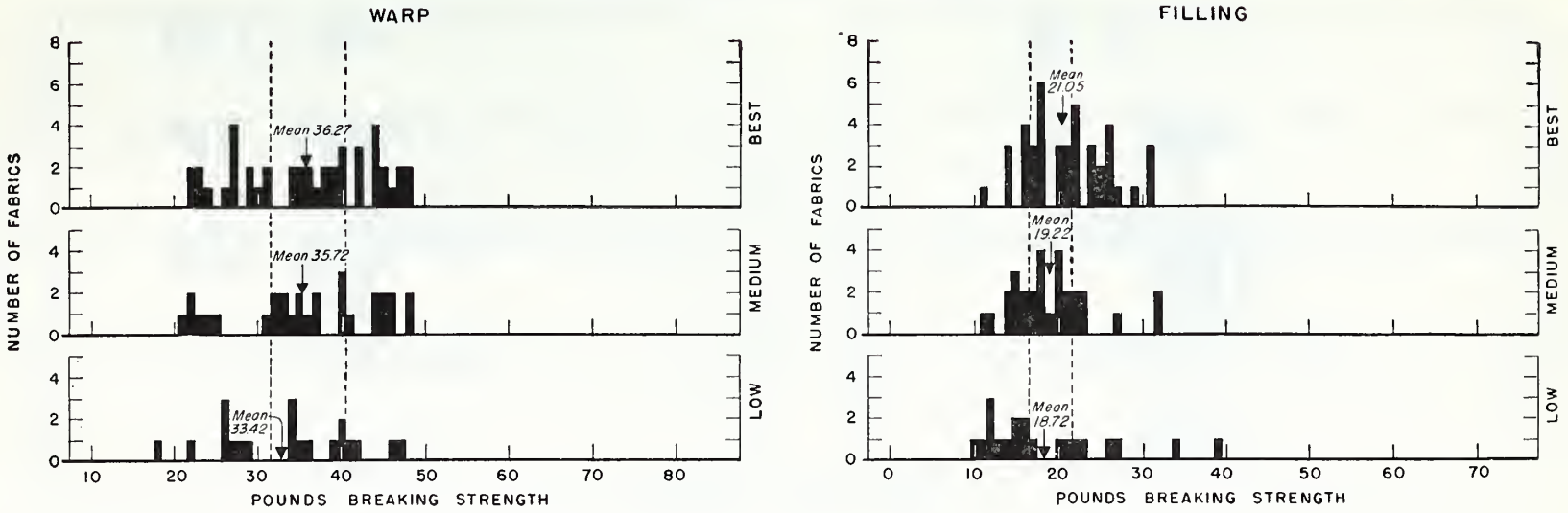


DIMENSIONAL CHANGE IN WASHING

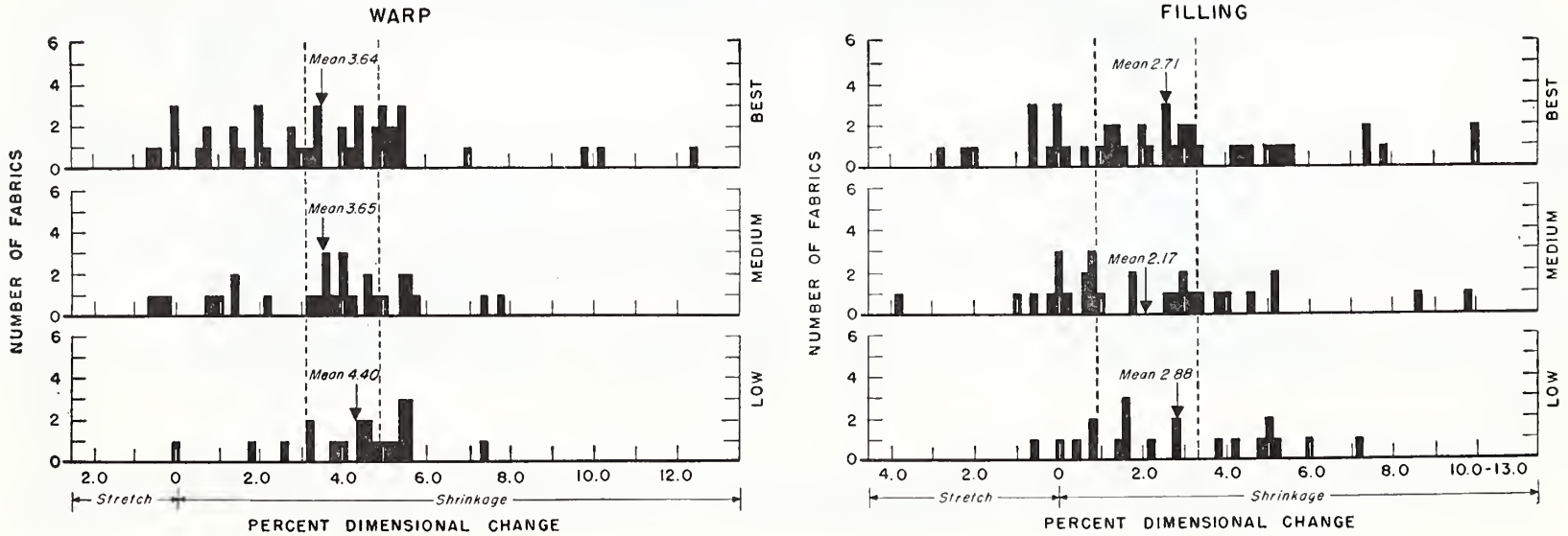
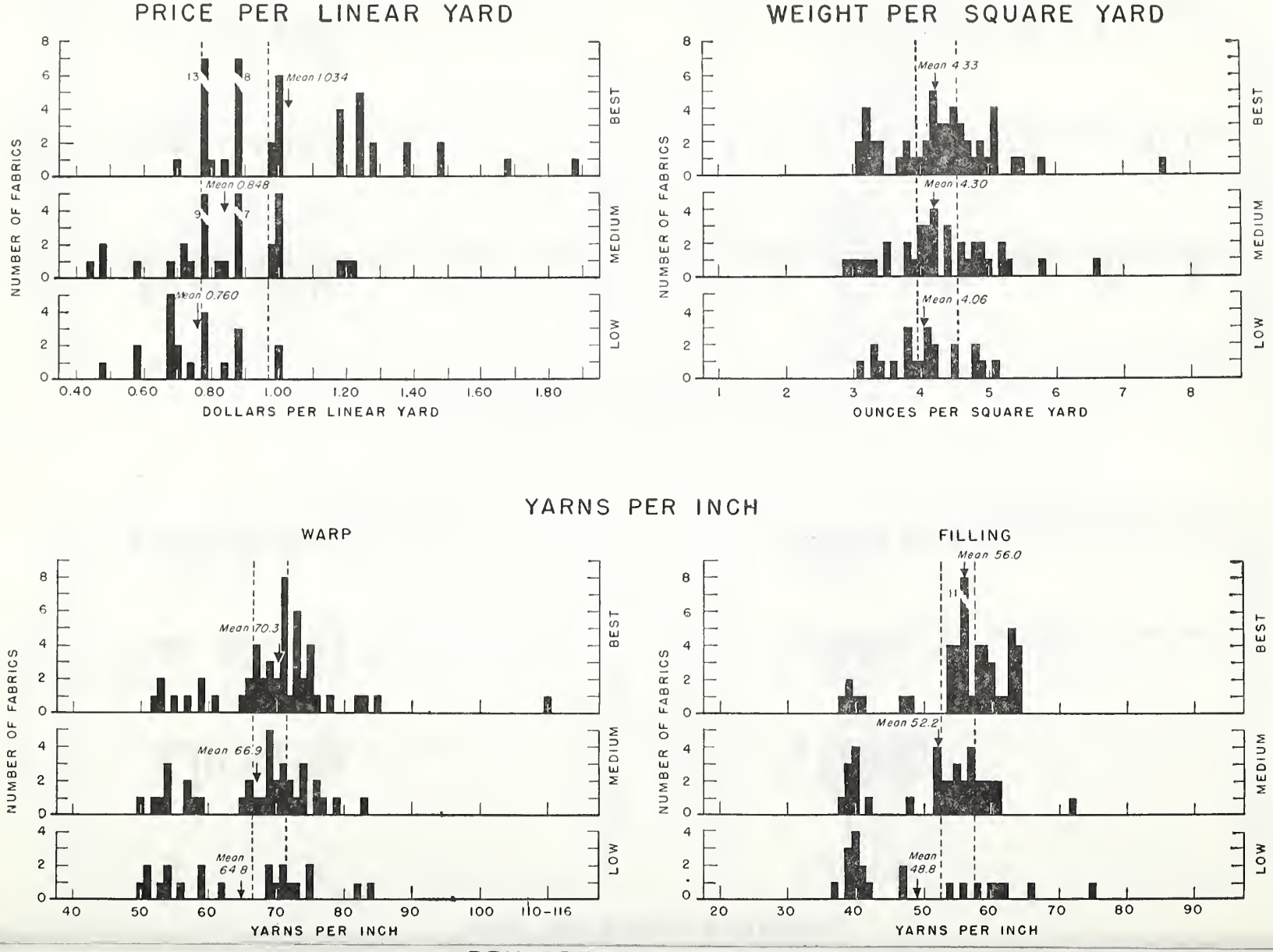
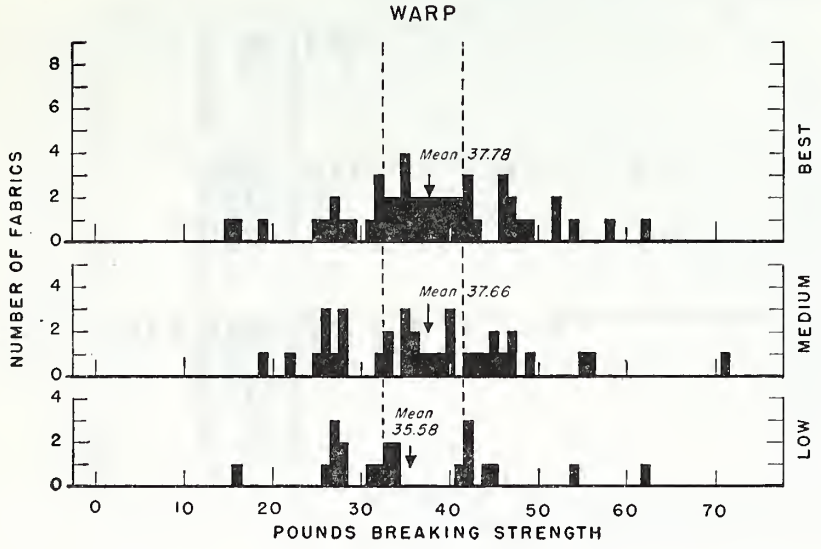


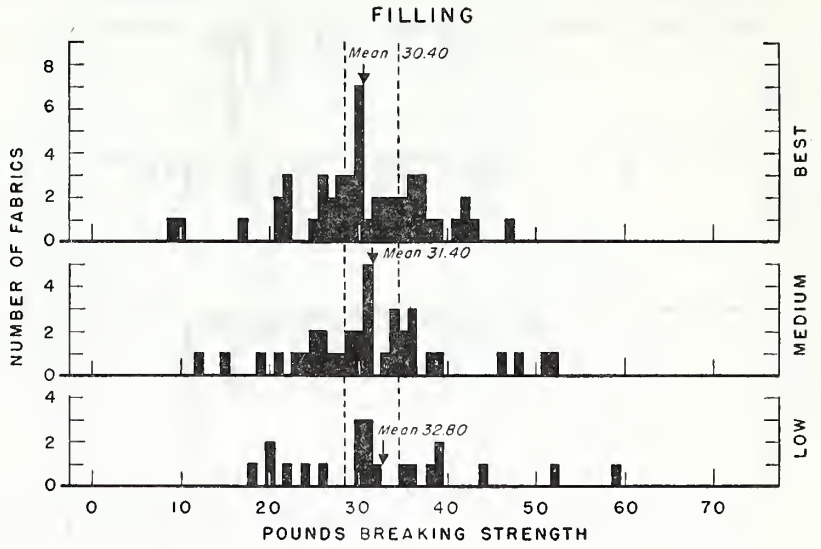
Figure 7. RAYON CHALLIS: Comparison of Three Qualities



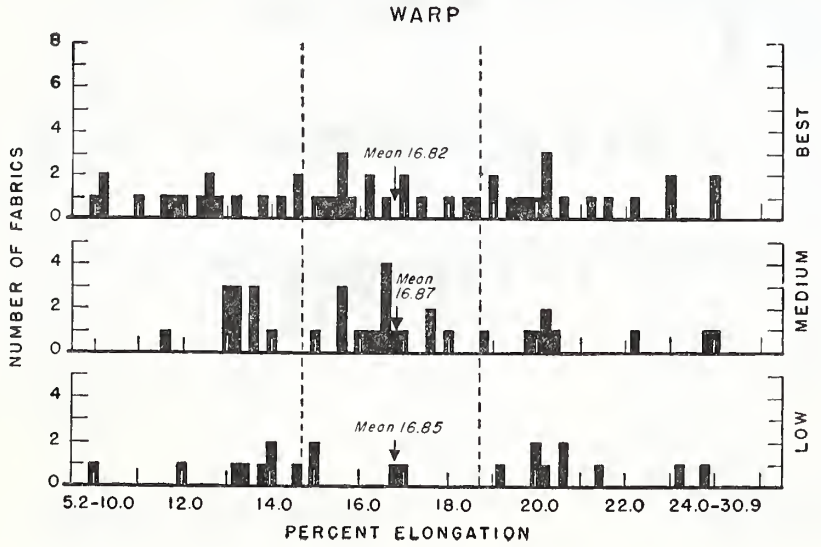
DRY BREAKING STRENGTH

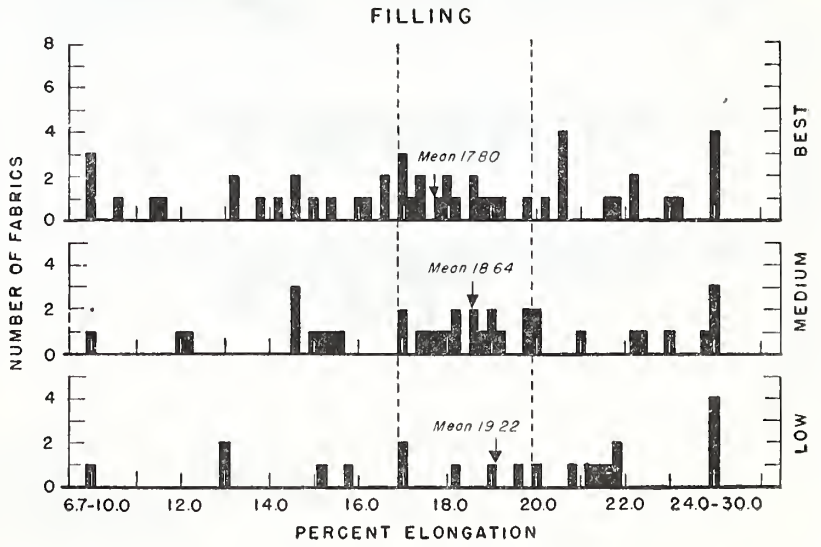
DRY BREAKING STRENGTH





DRY ELONGATION





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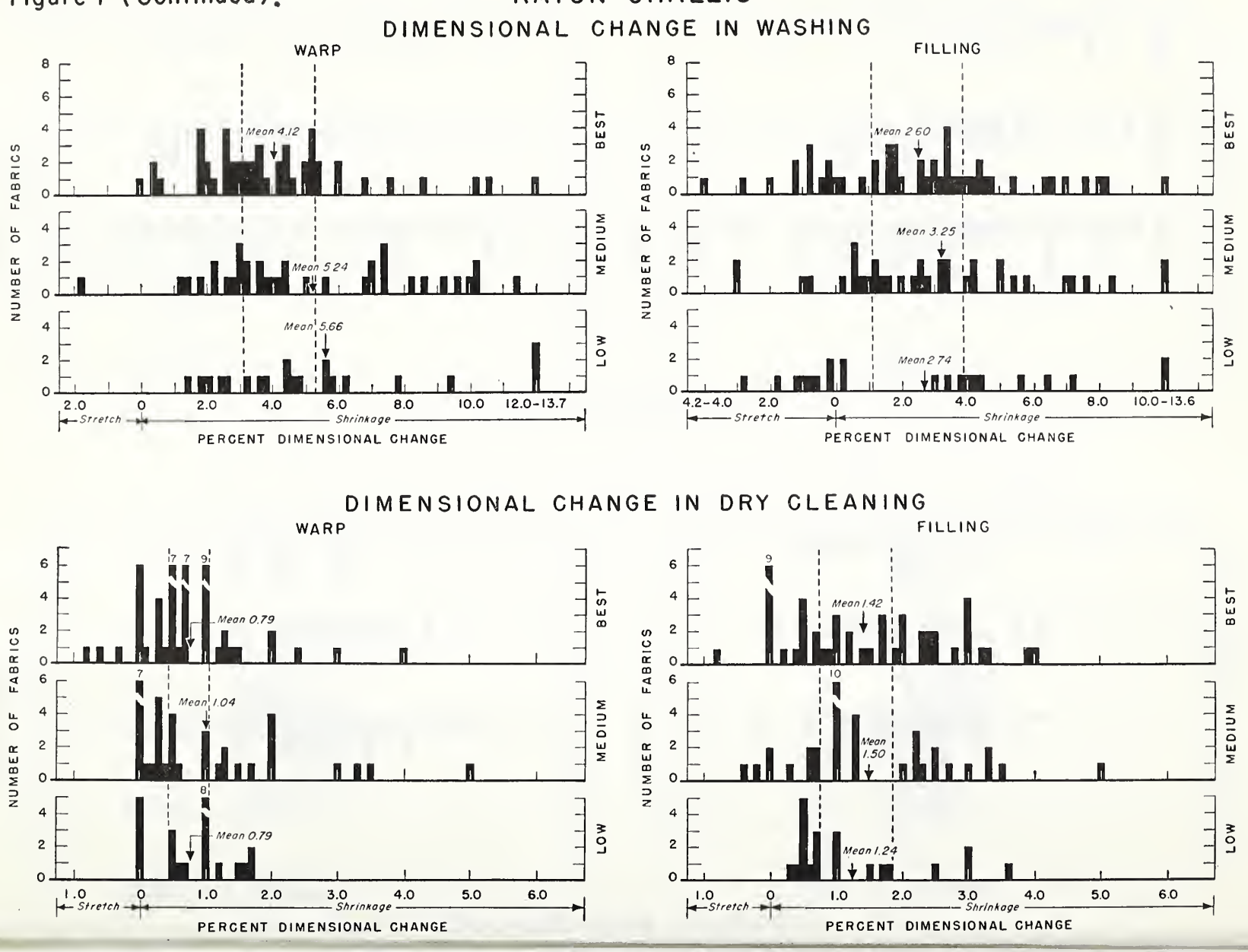
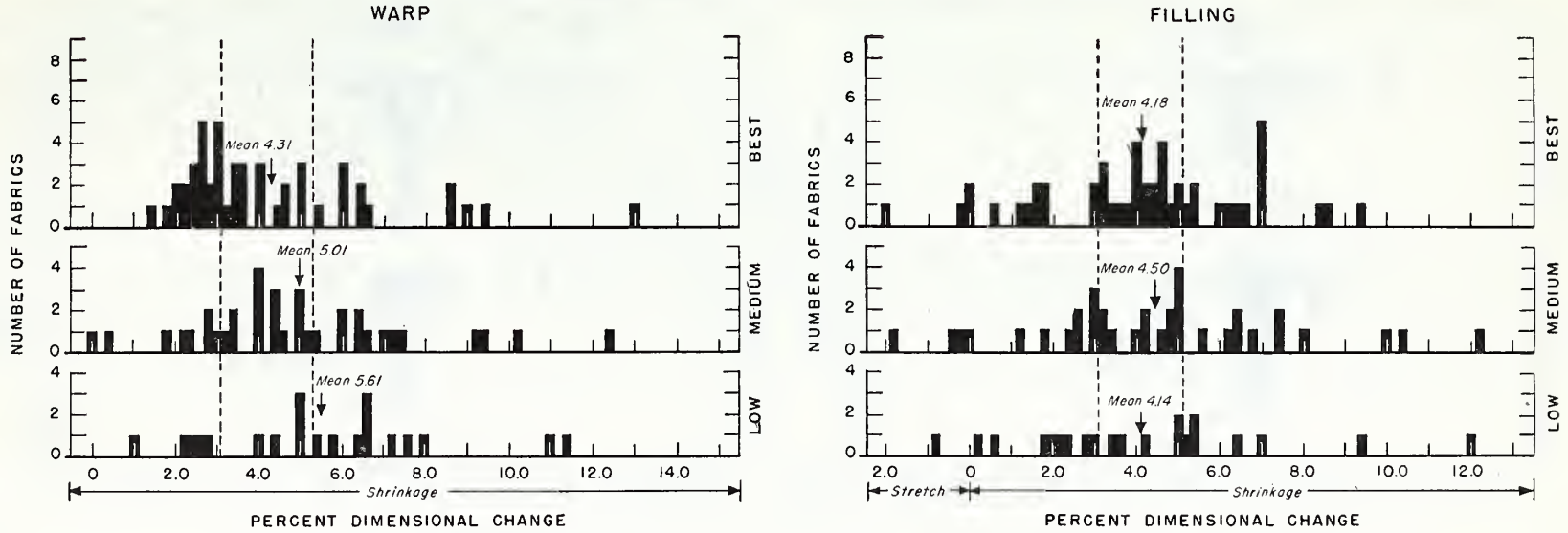


DIMENSIONAL CHANGE IN WET CLEANING



COLORFASTNESS

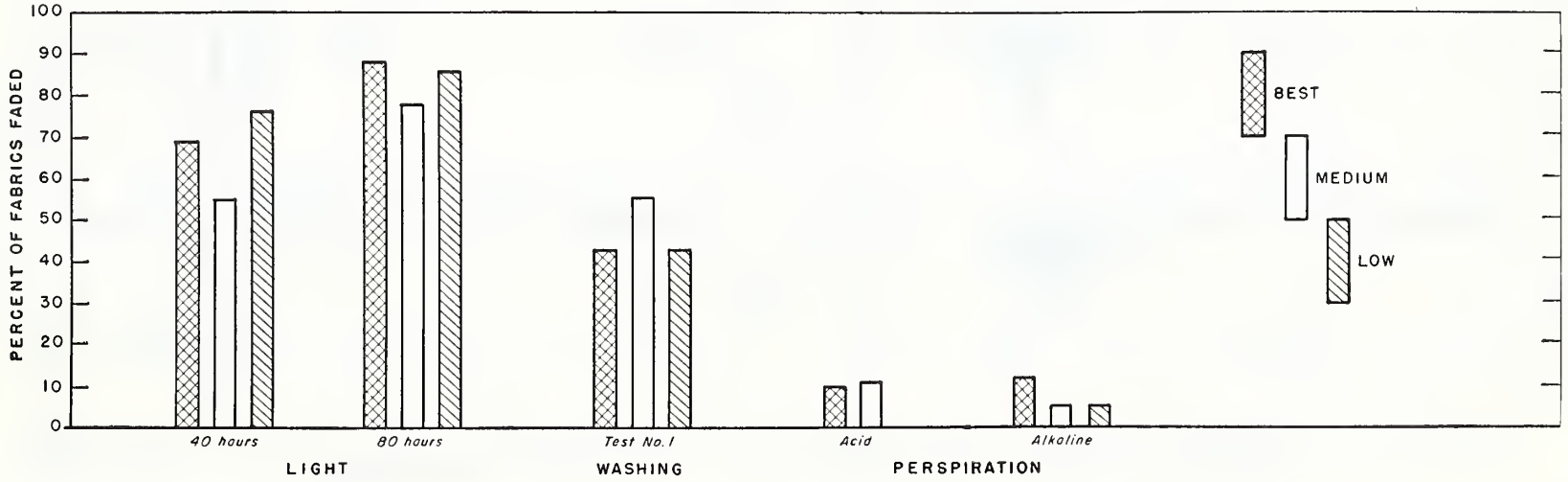
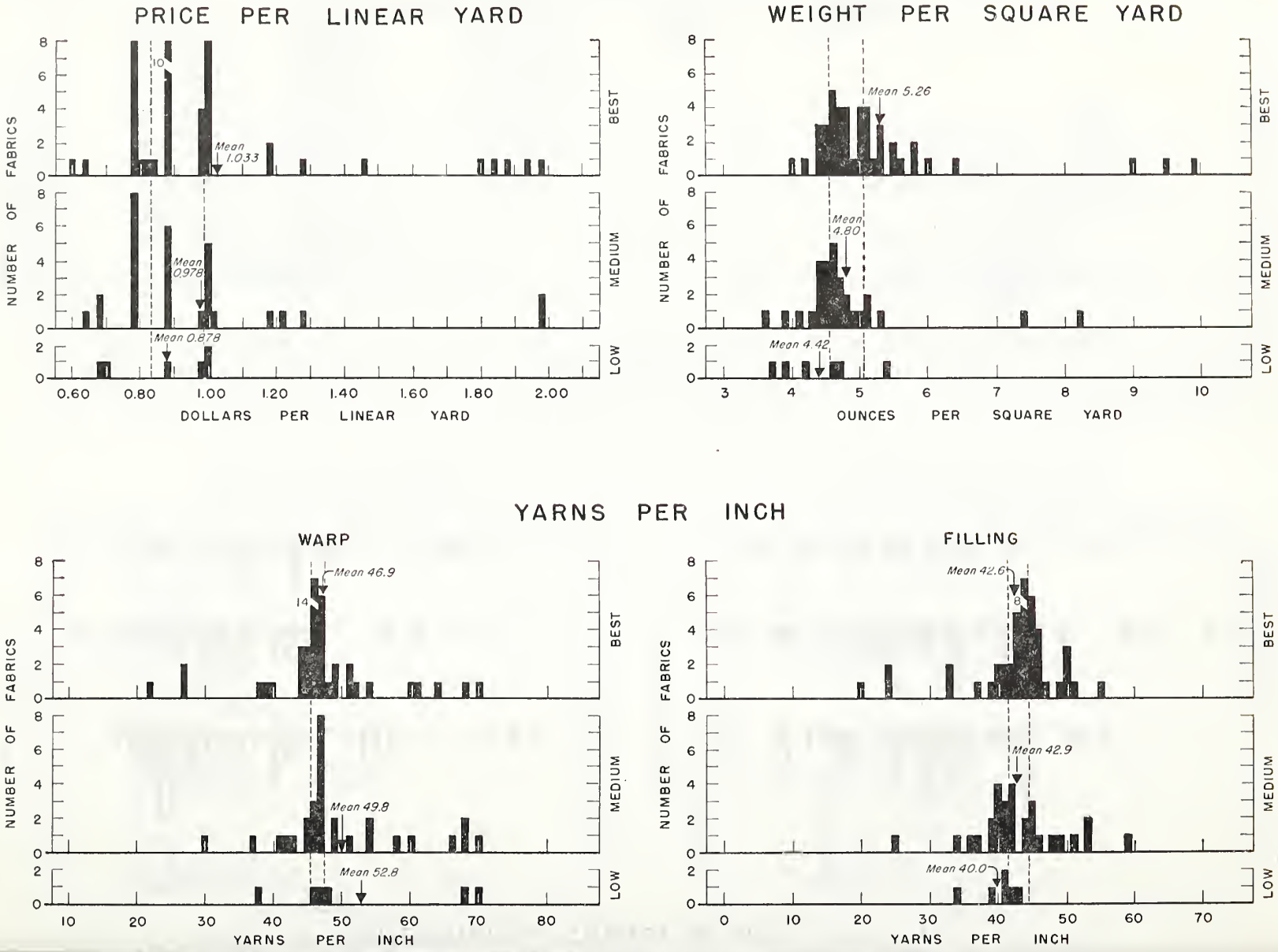


Figure 8. RAYON CRASH : Comparison of Three Qualities



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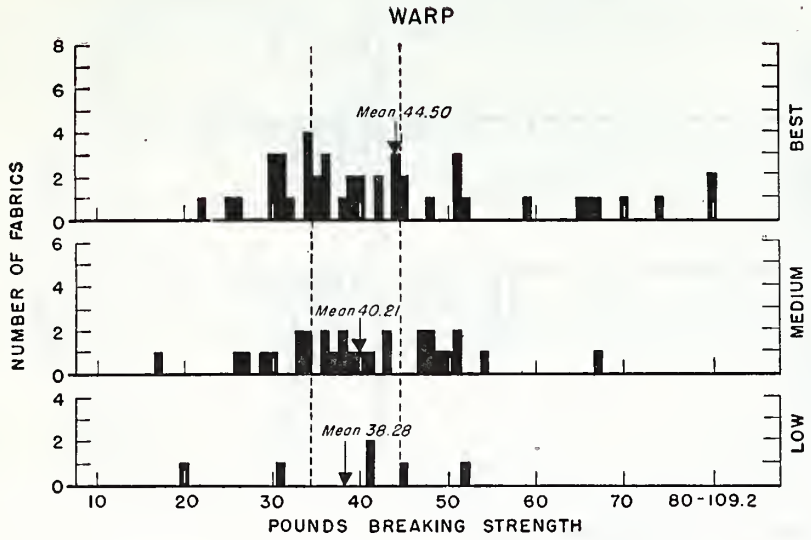
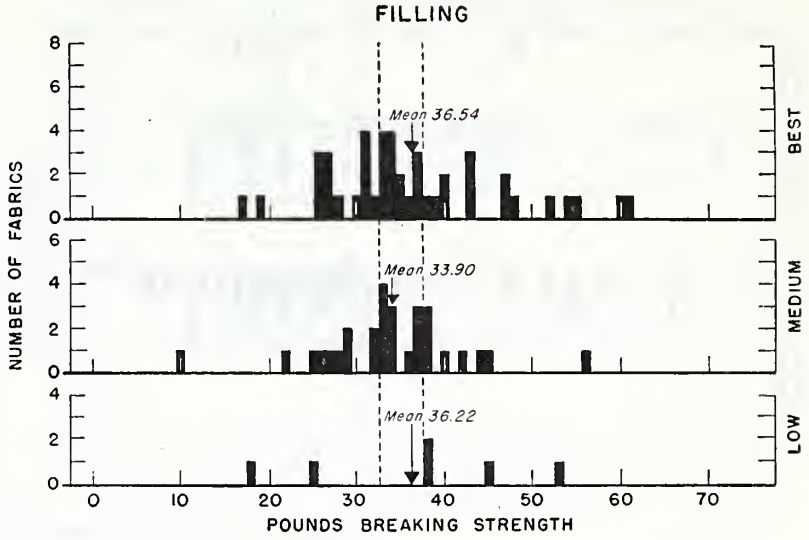
DRY BREAKING STRENGTH





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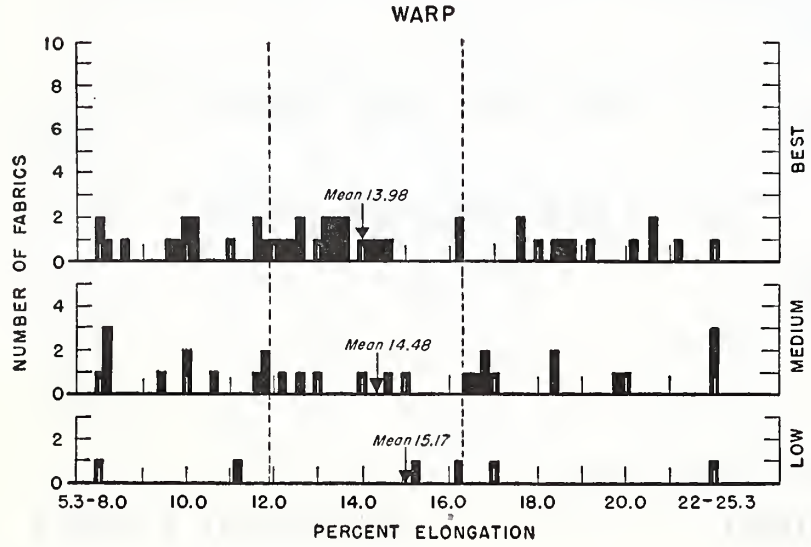

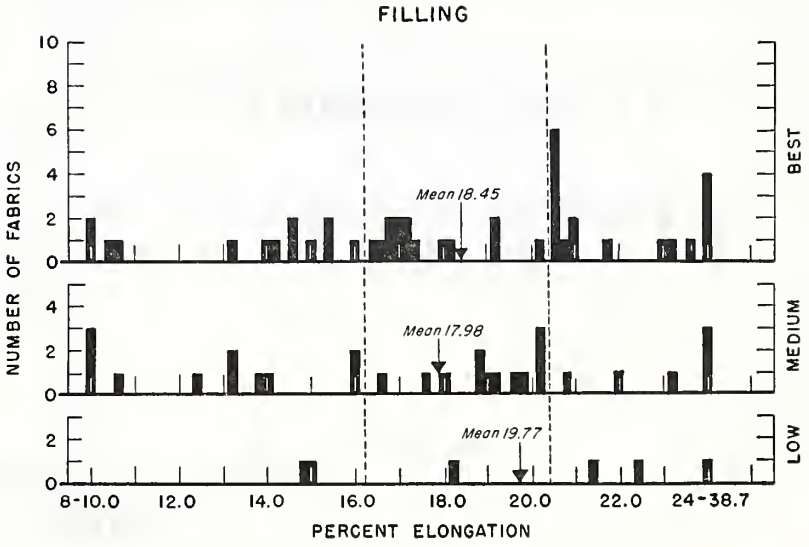

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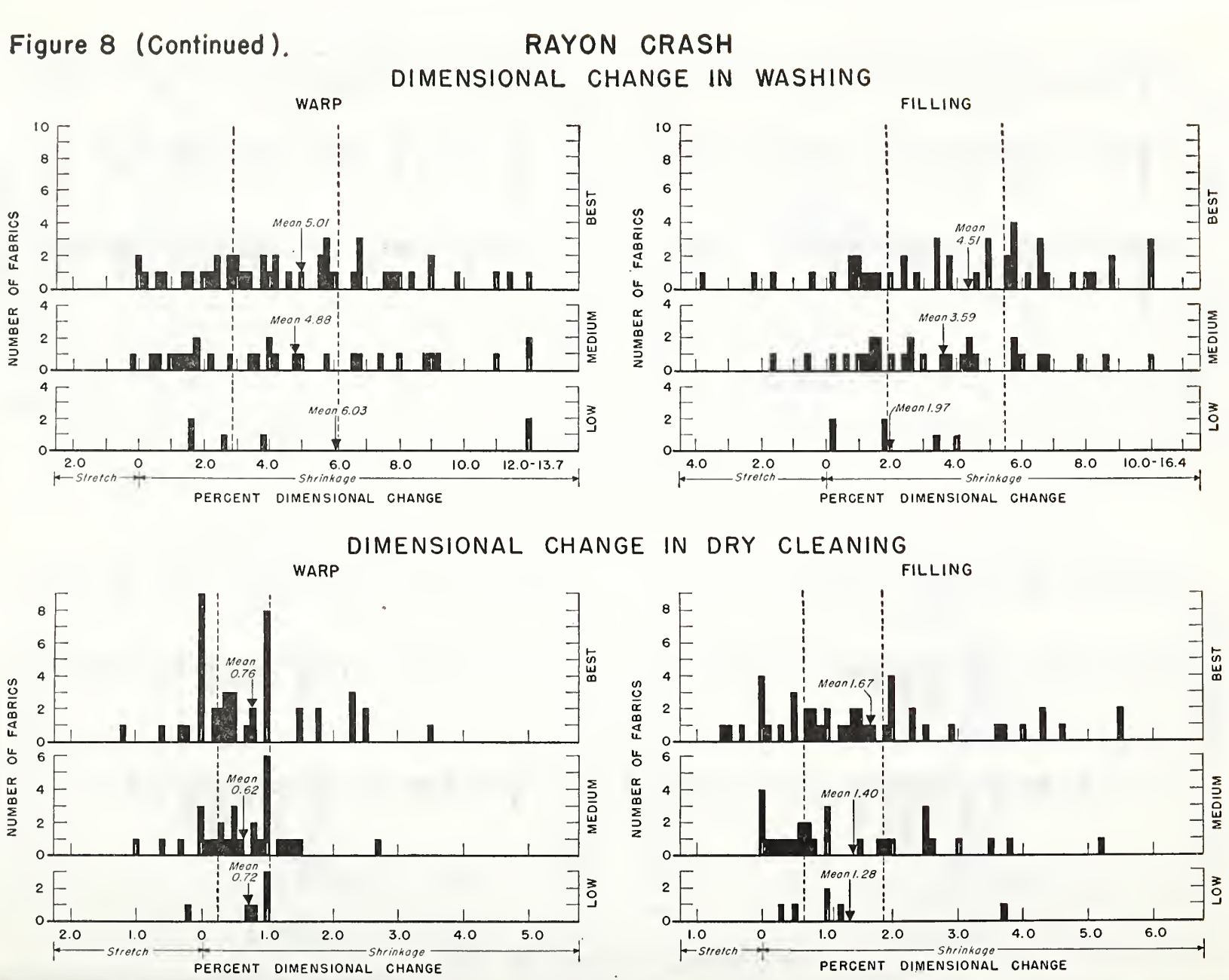
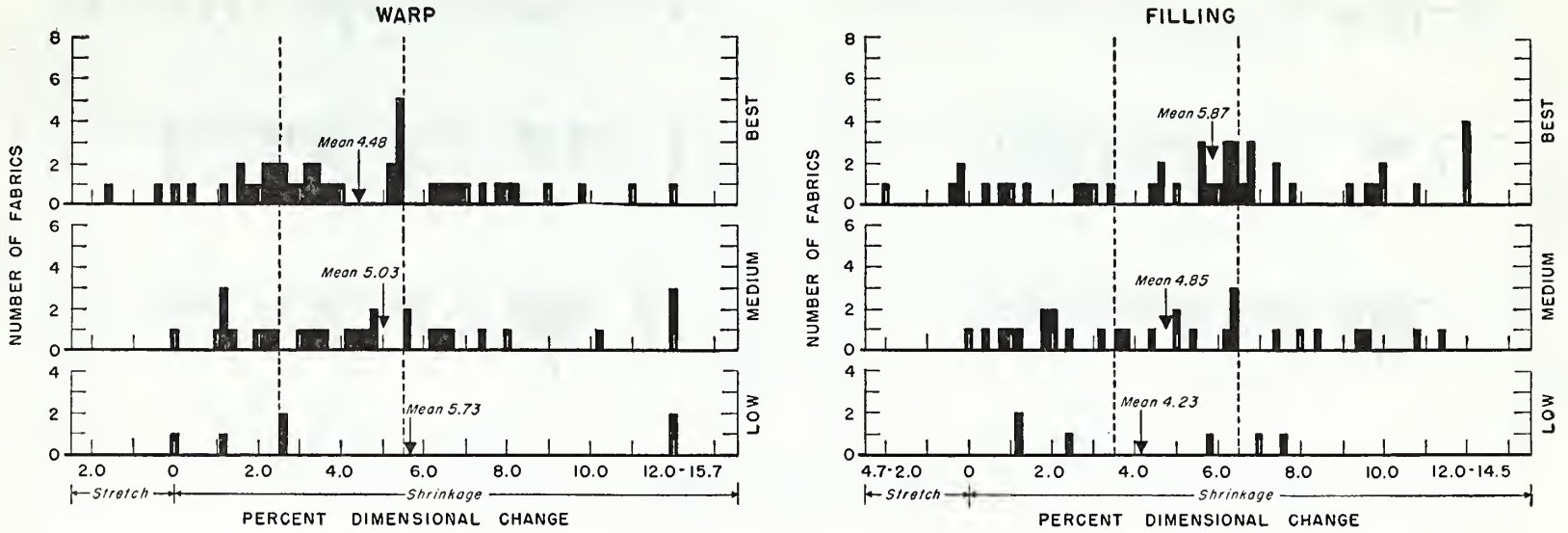


DIMENSIONAL CHANGE IN WET CLEANING



COLORFASTNESS

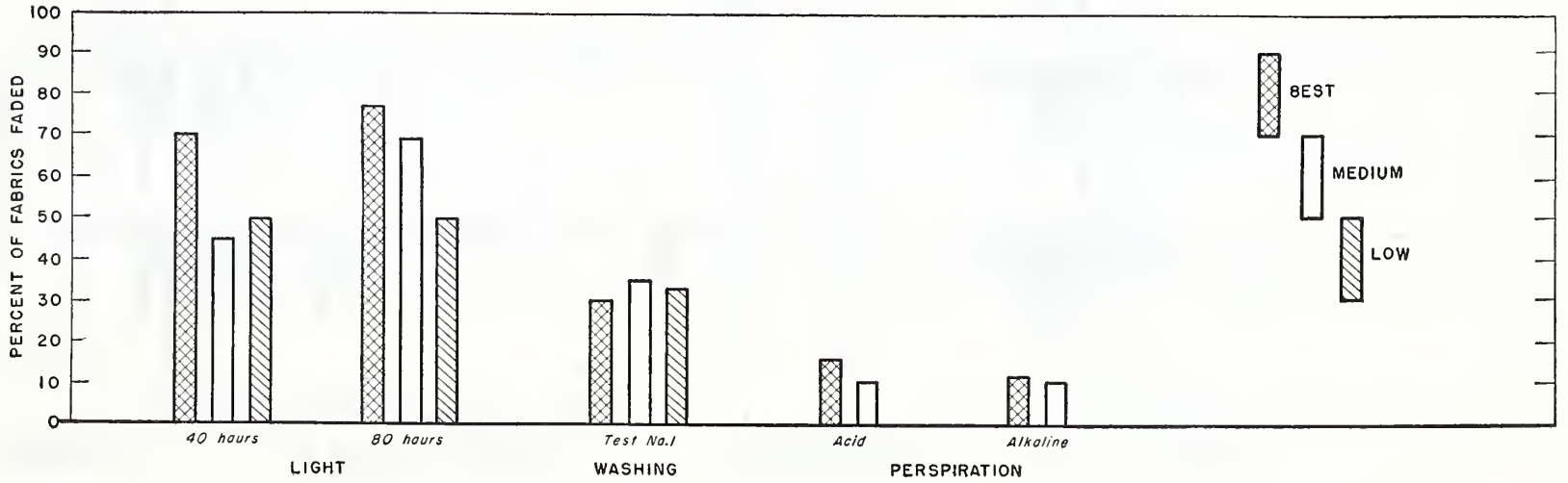
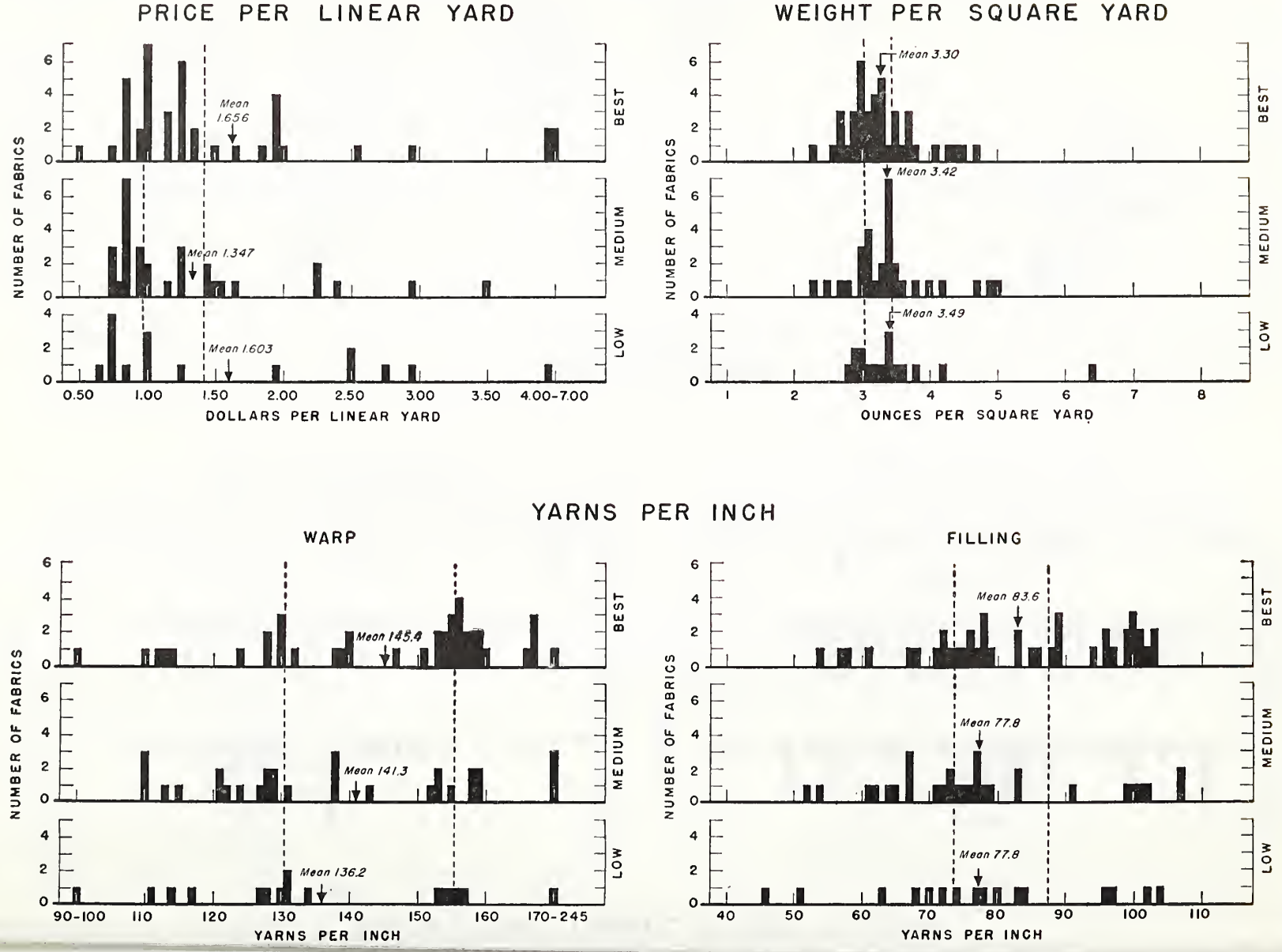


Figure 9. RAYON CREPE: Comparison of Three Qualities



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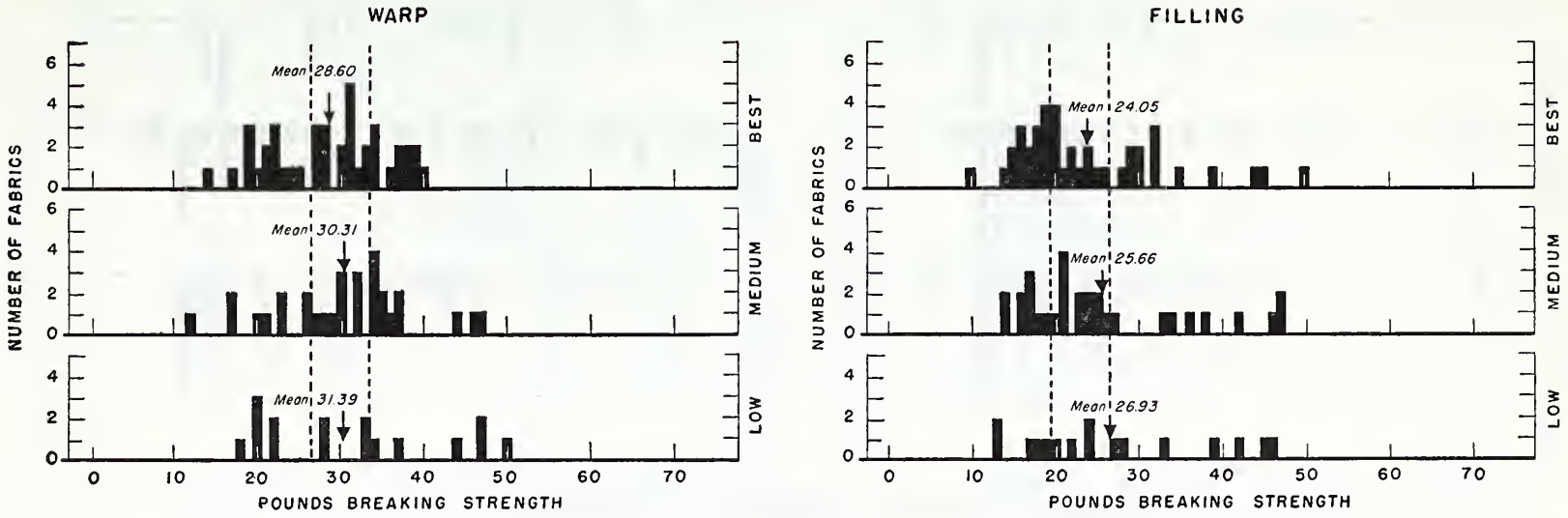

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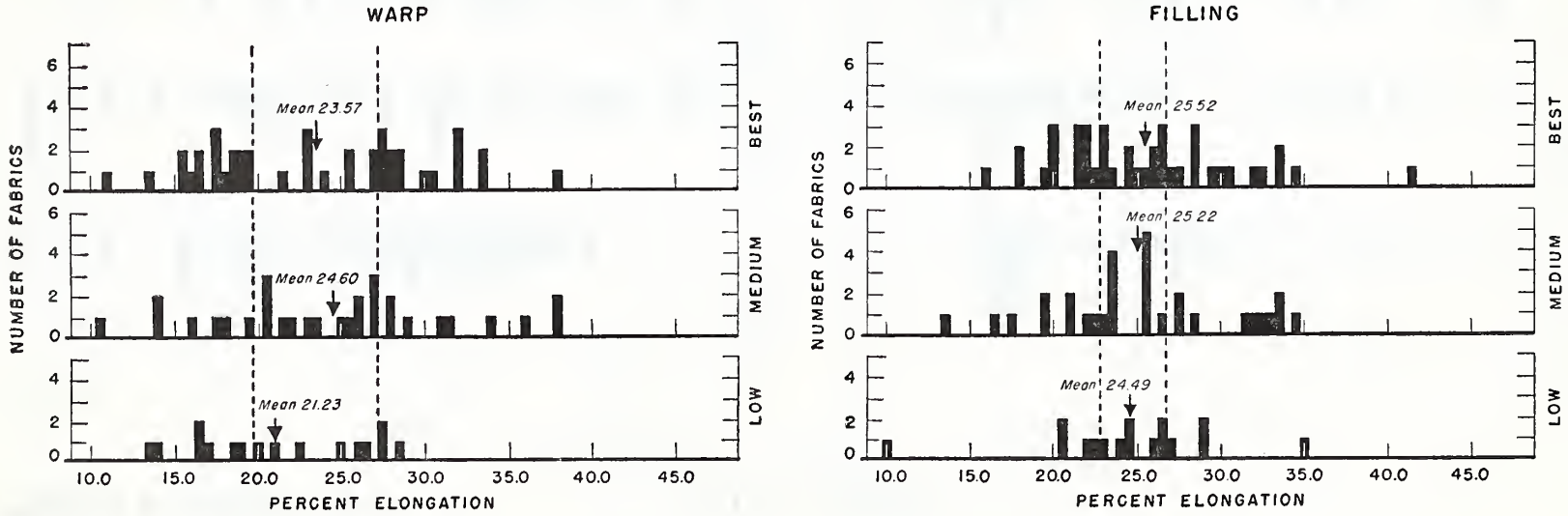

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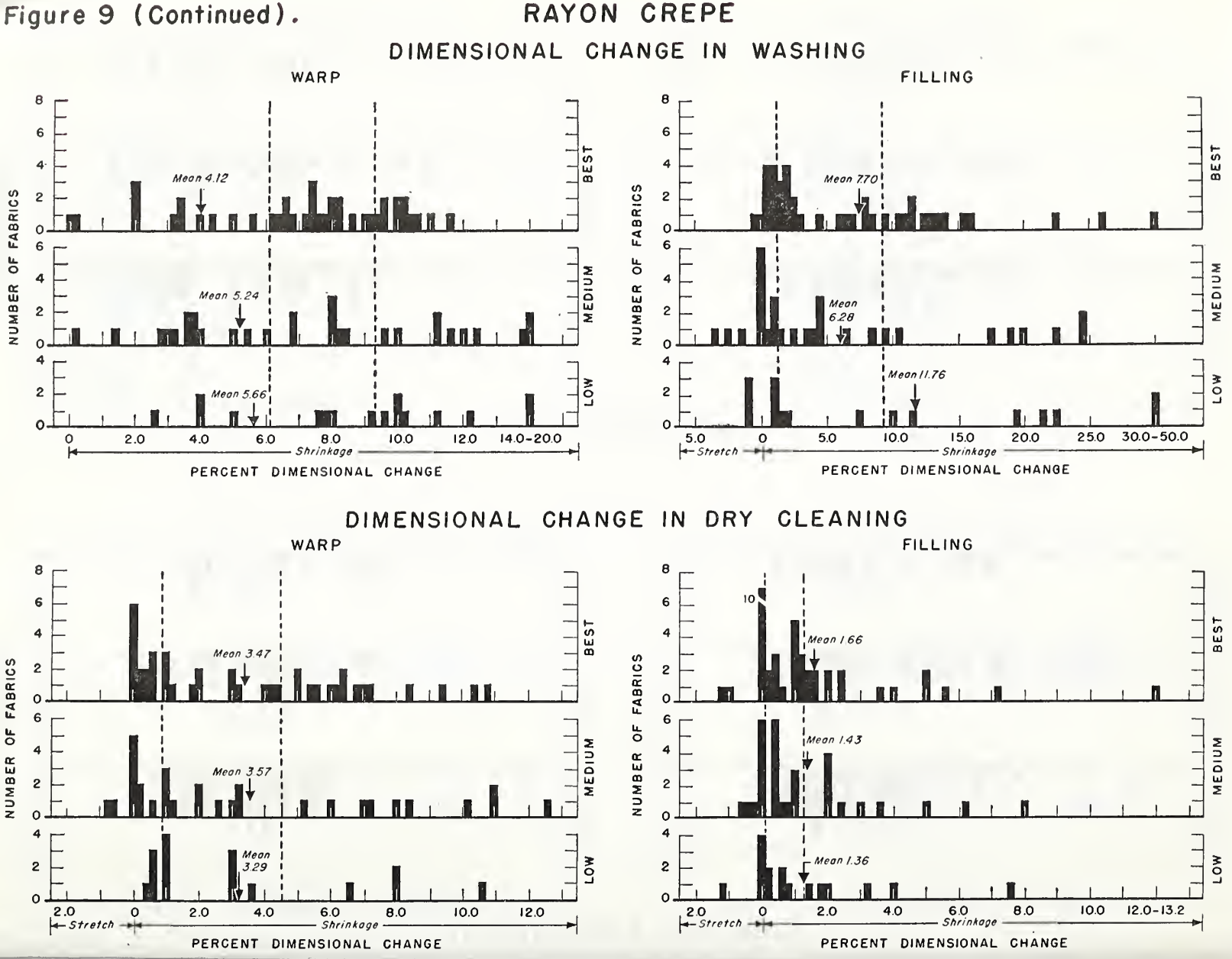
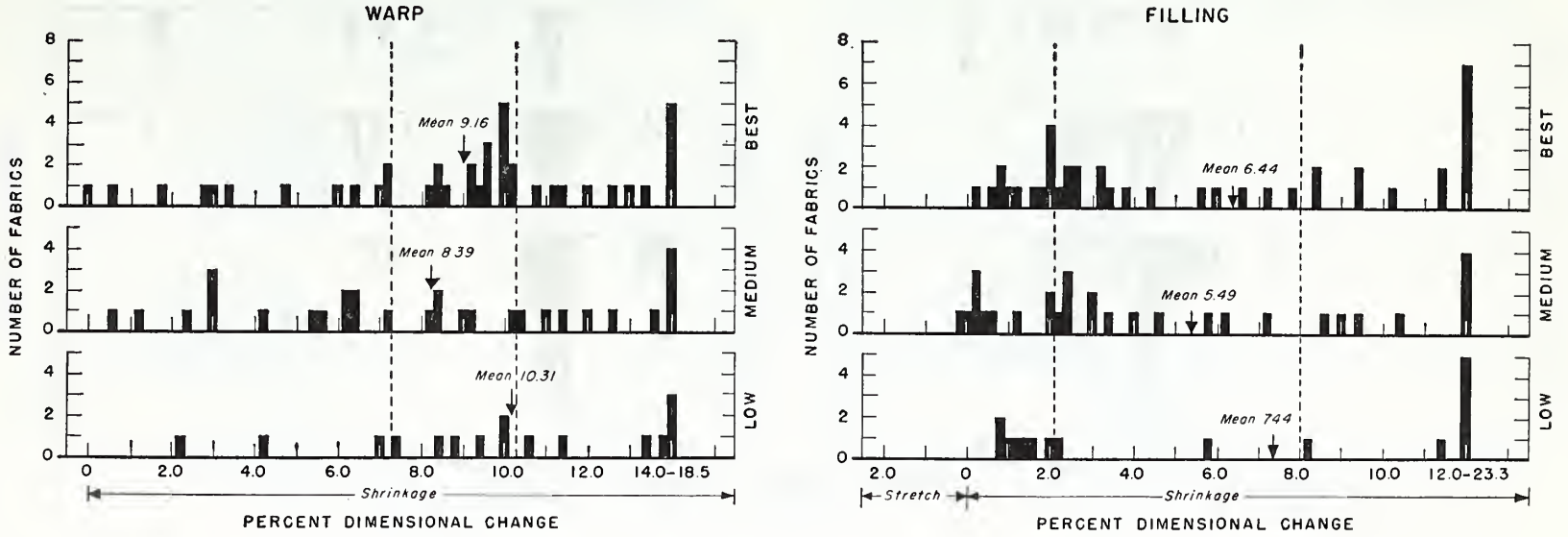


DIMENSIONAL CHANGE IN WET CLEANING



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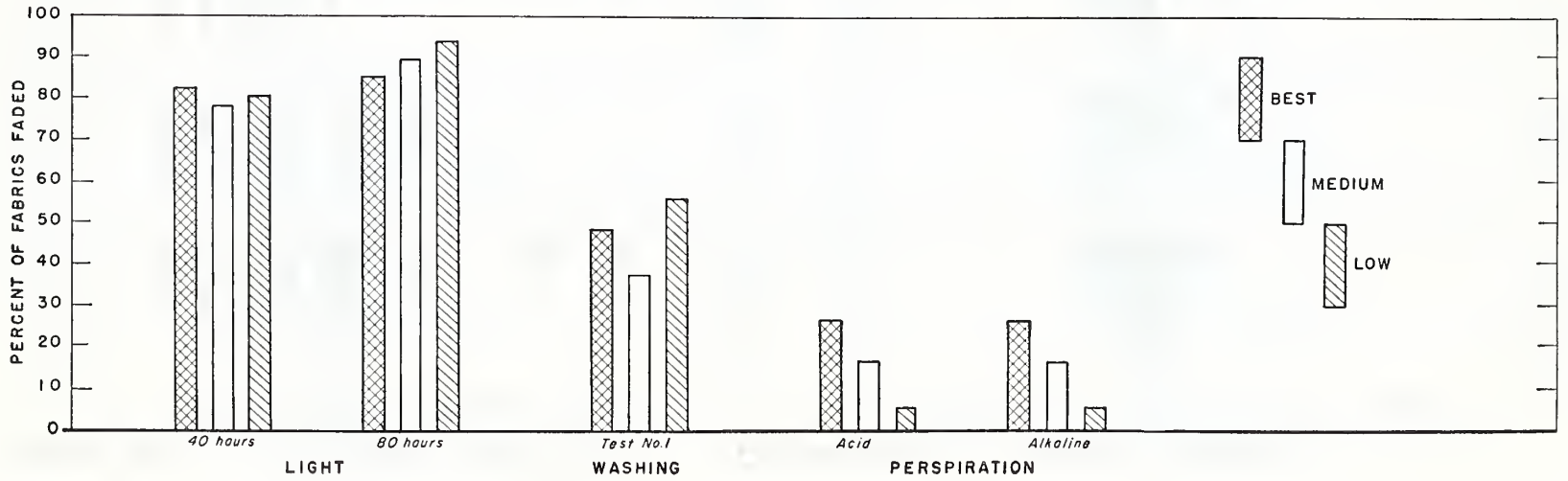
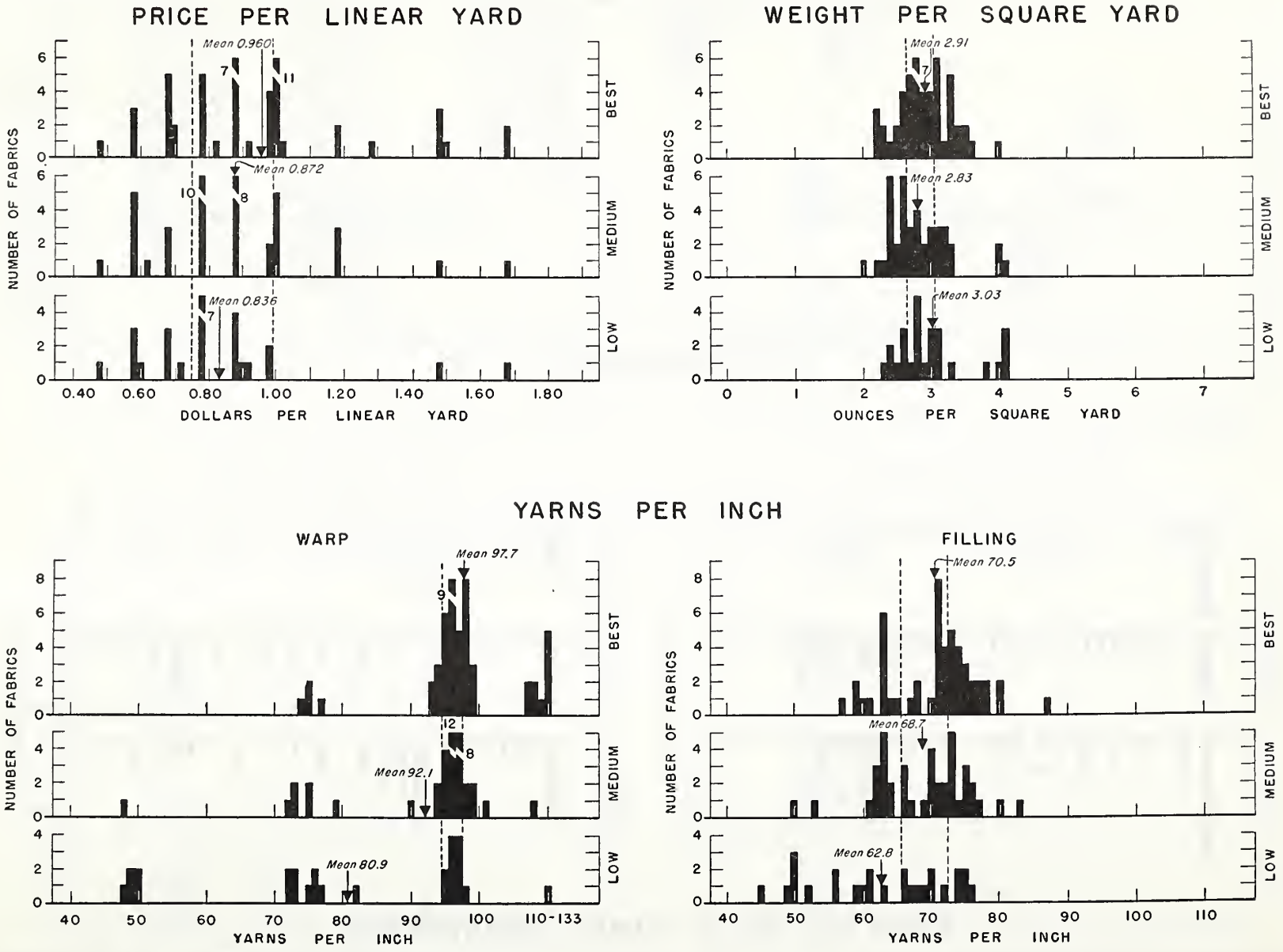
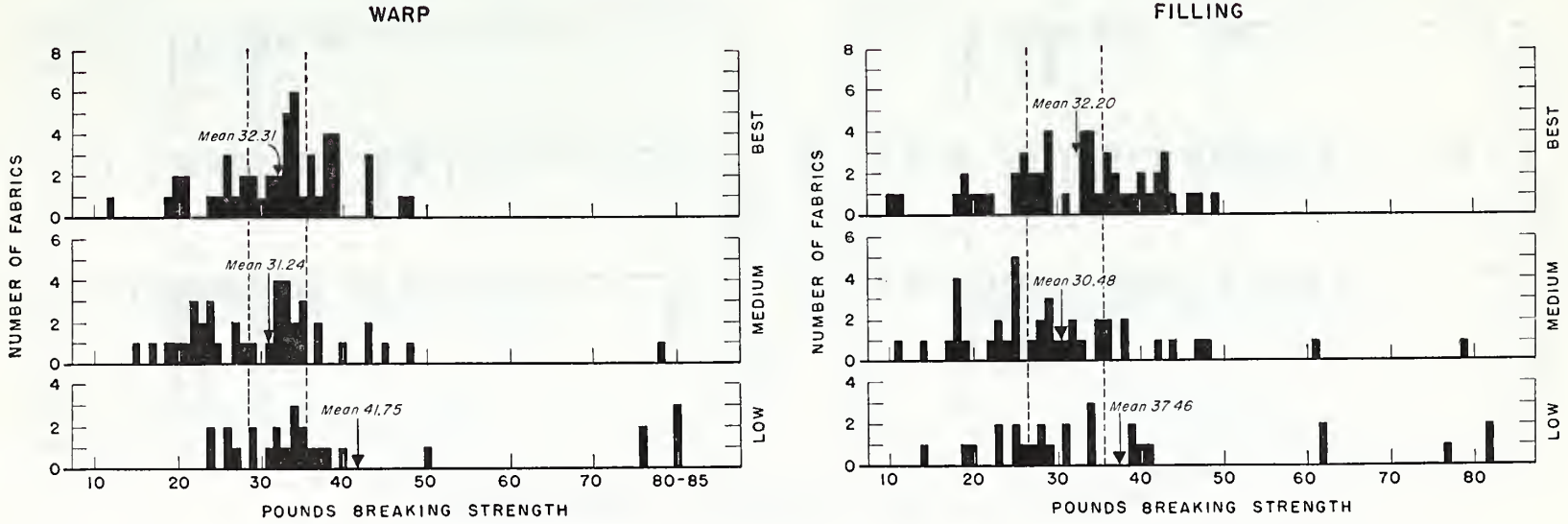


Figure 10. RAYON TAFFETA: Comparison of Three Qualities



DRY BREAKING STRENGTH



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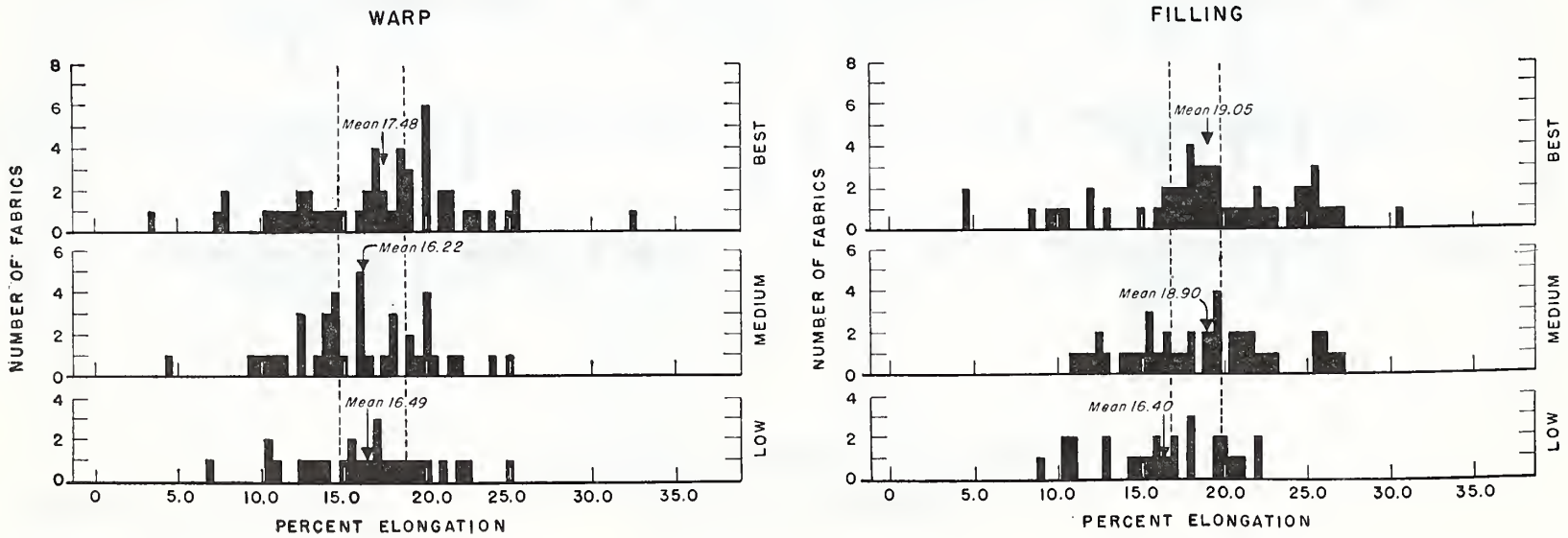

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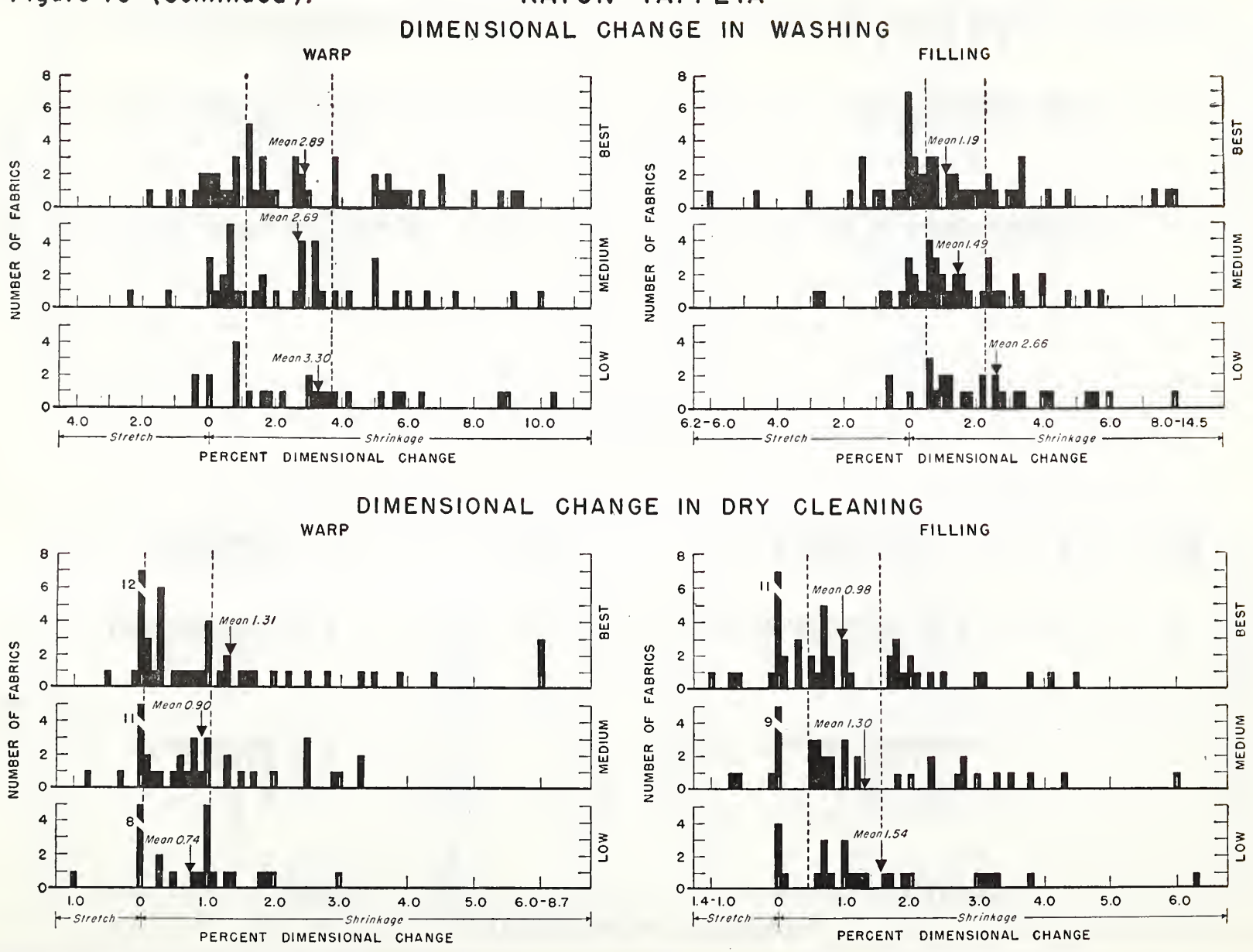
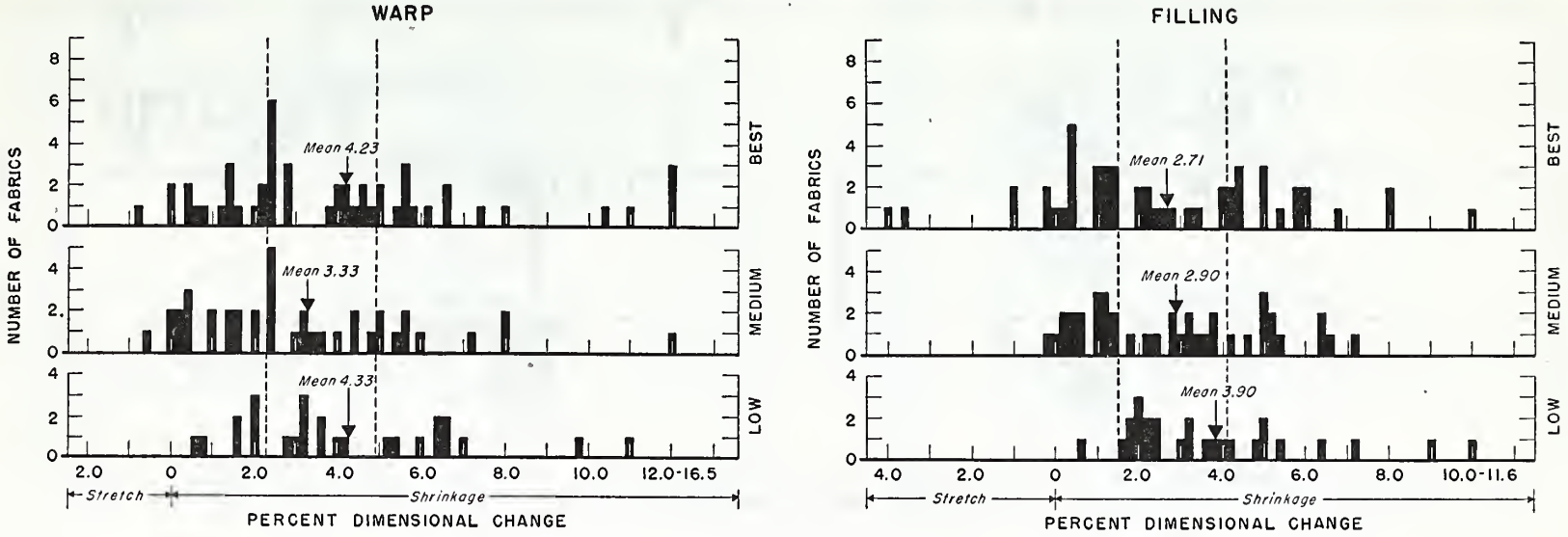


DIMENSIONAL CHANGE IN WET CLEANING

DIMENSIONAL CHANGE IN WET CLEANING



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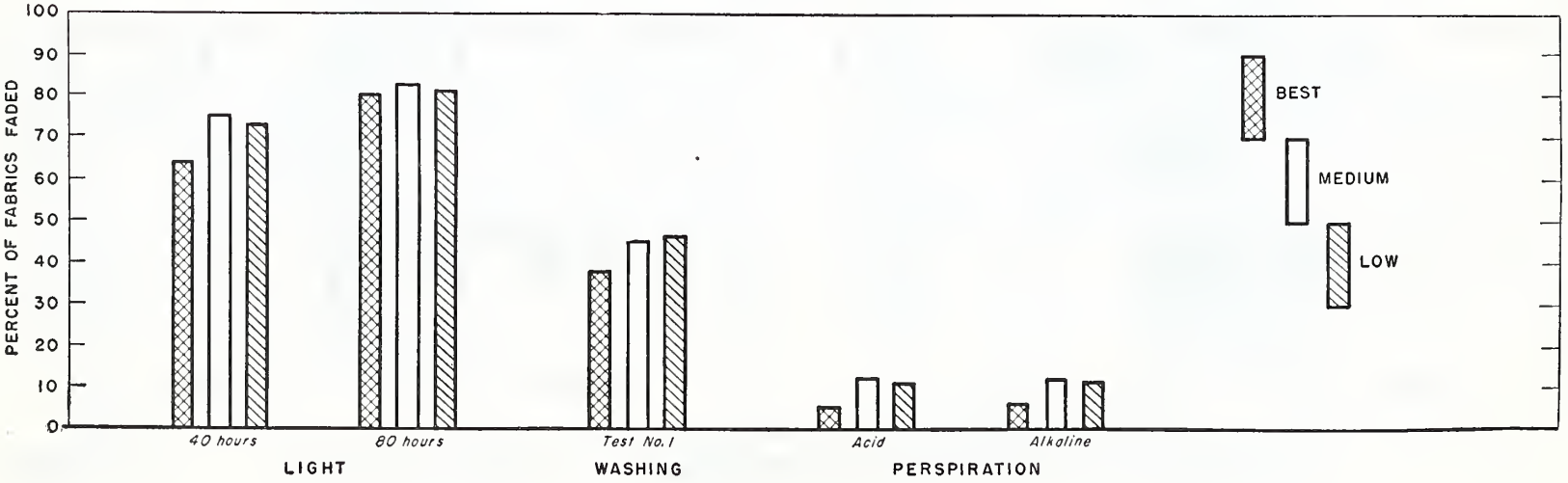
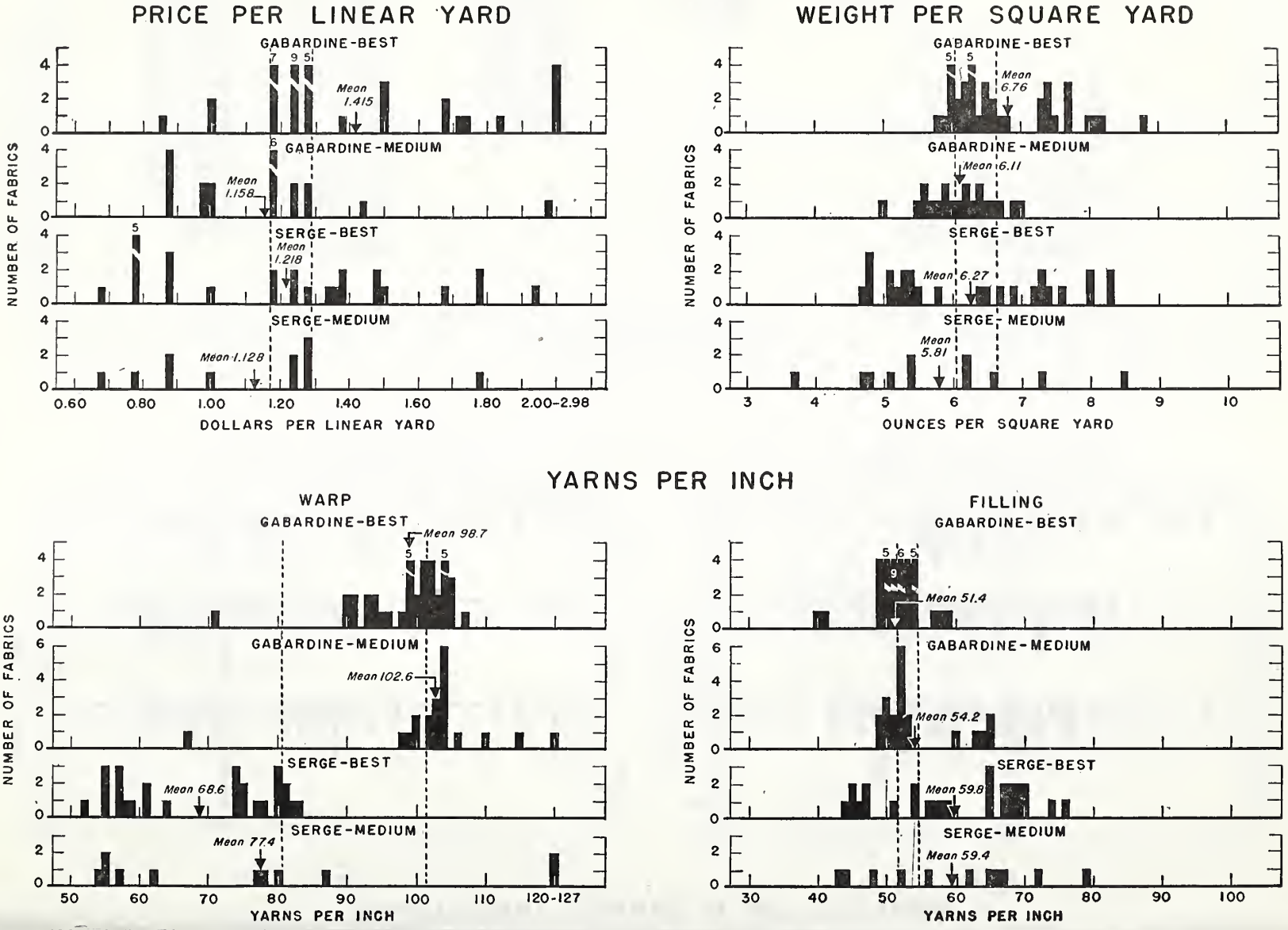
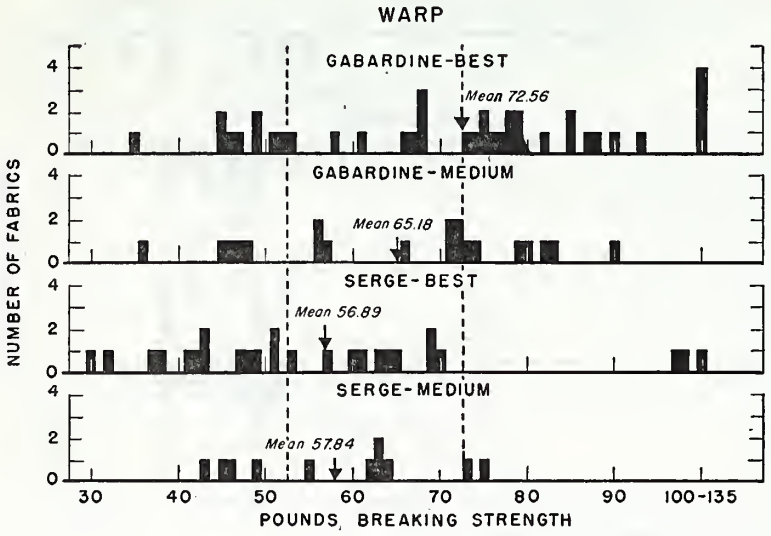
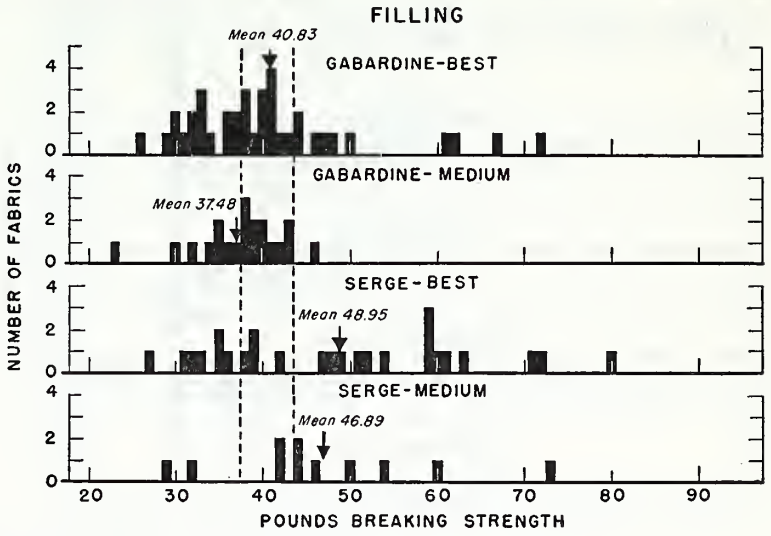


Figure II. RAYON TWILL: Comparison of Two Qualities of Gabardine and Two Qualities of Serge



DRY BREAKING STRENGTH





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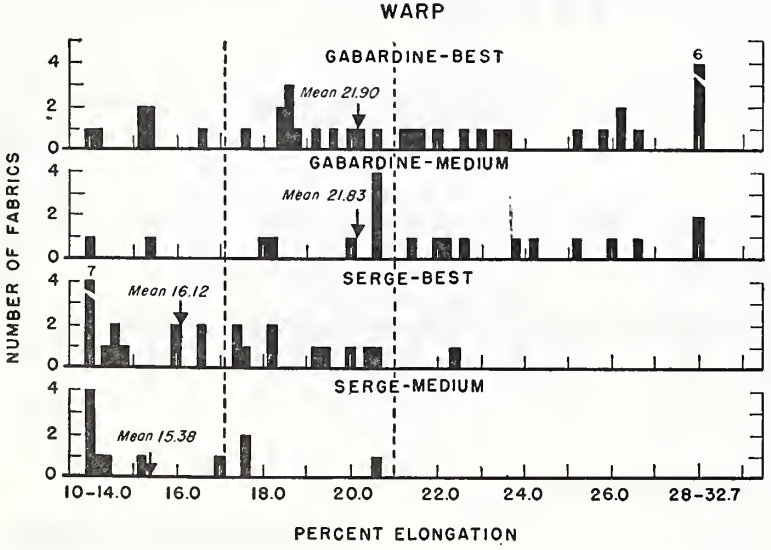

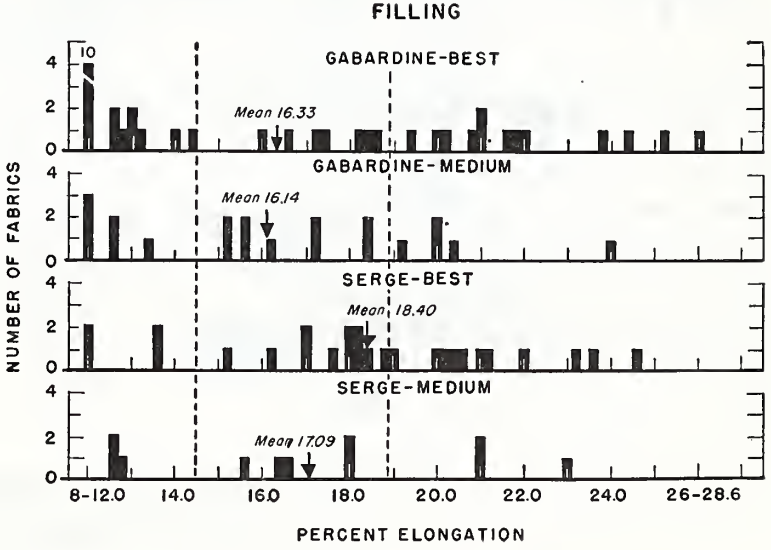

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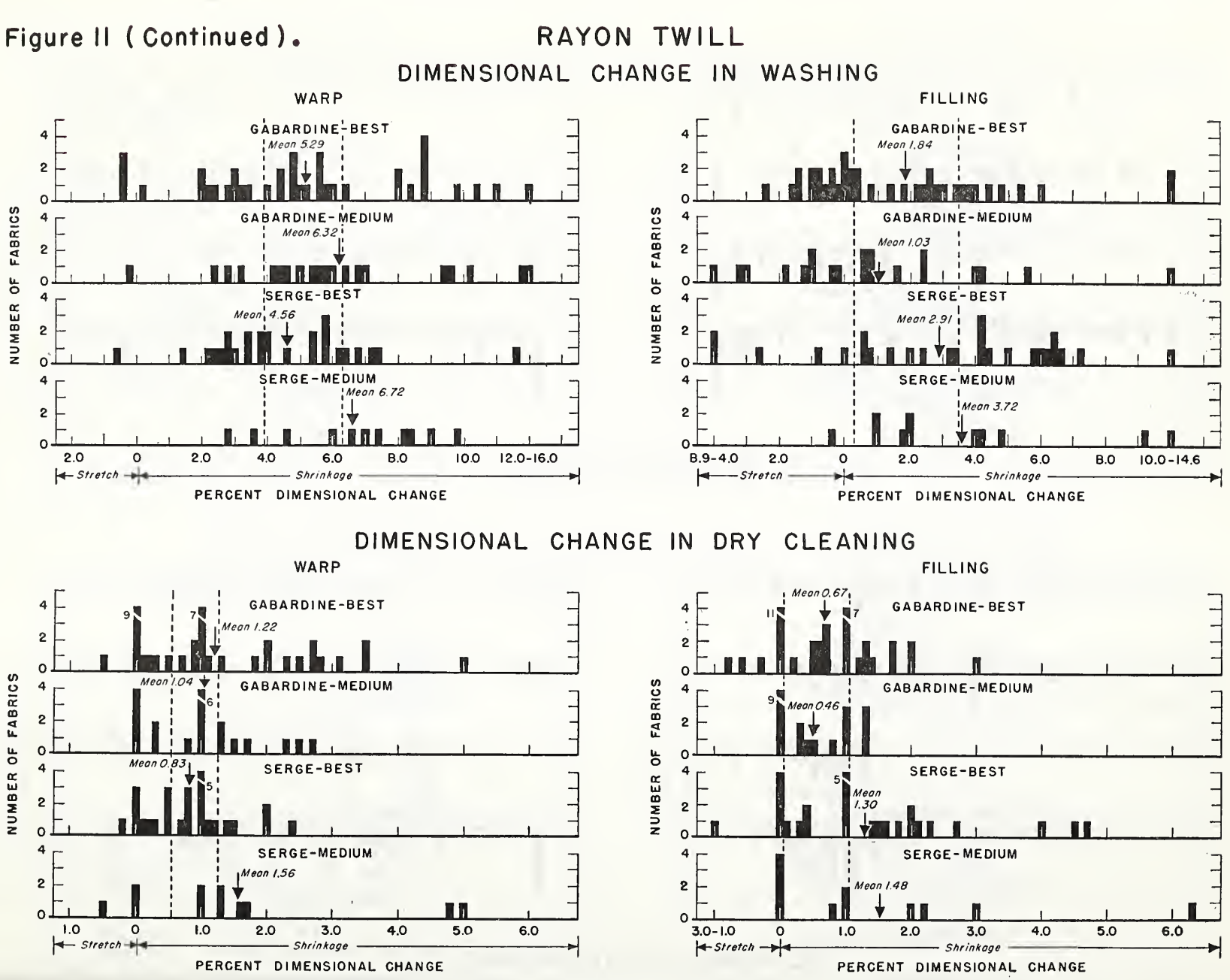
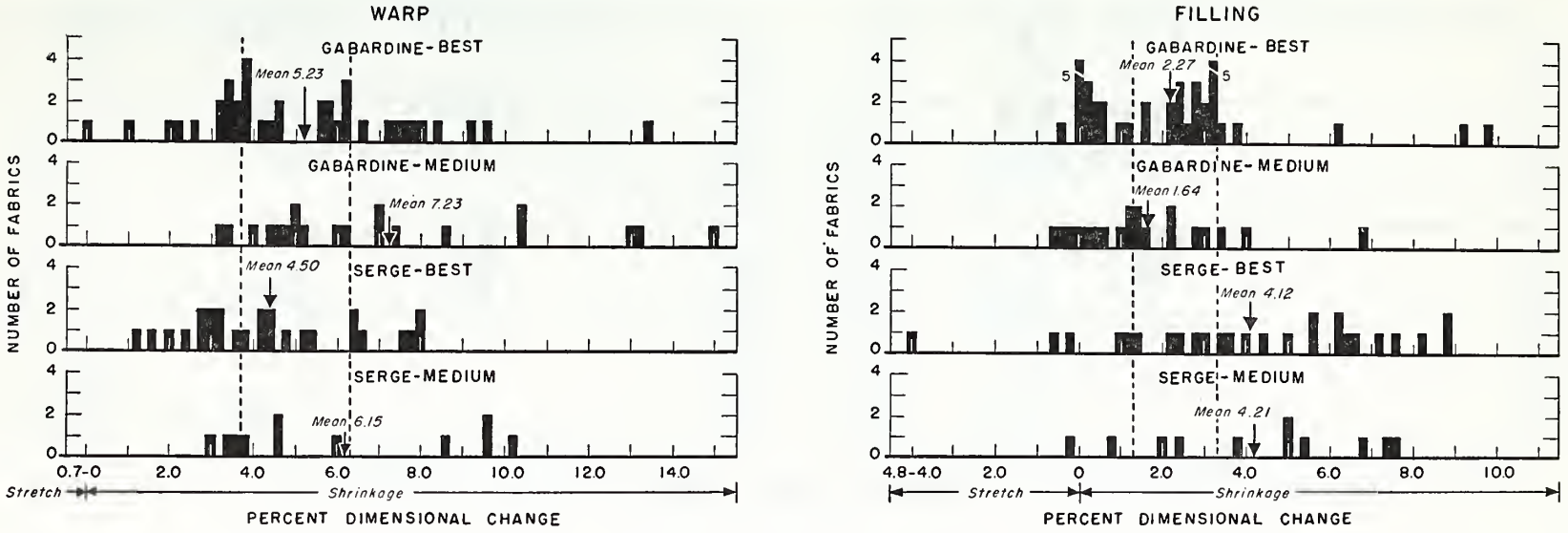


DIMENSIONAL CHANGE IN WET CLEANING



COLORFASTNESS

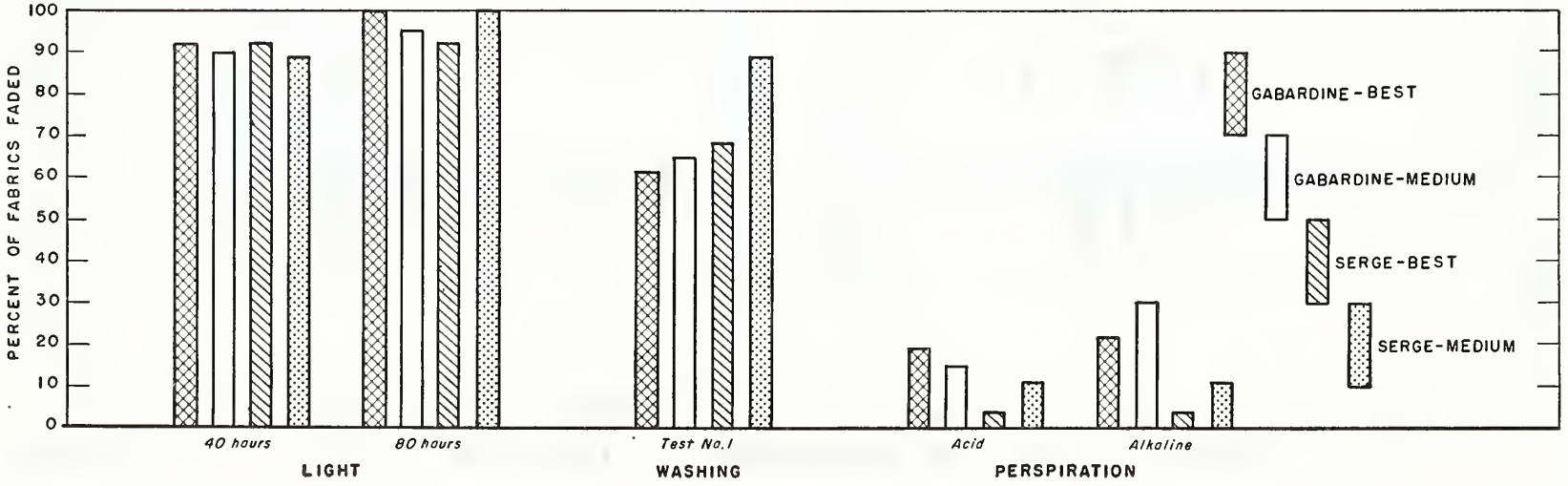
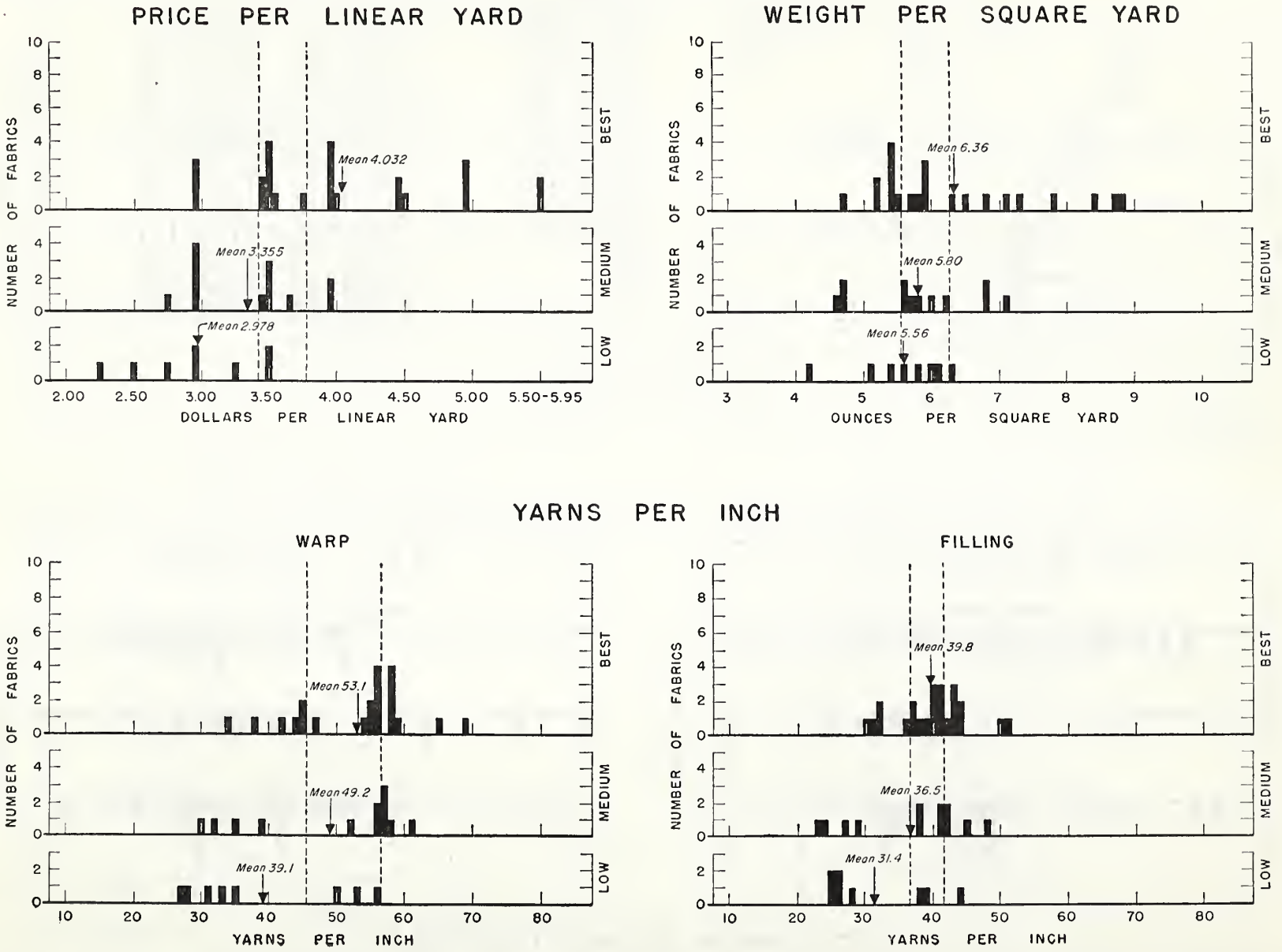
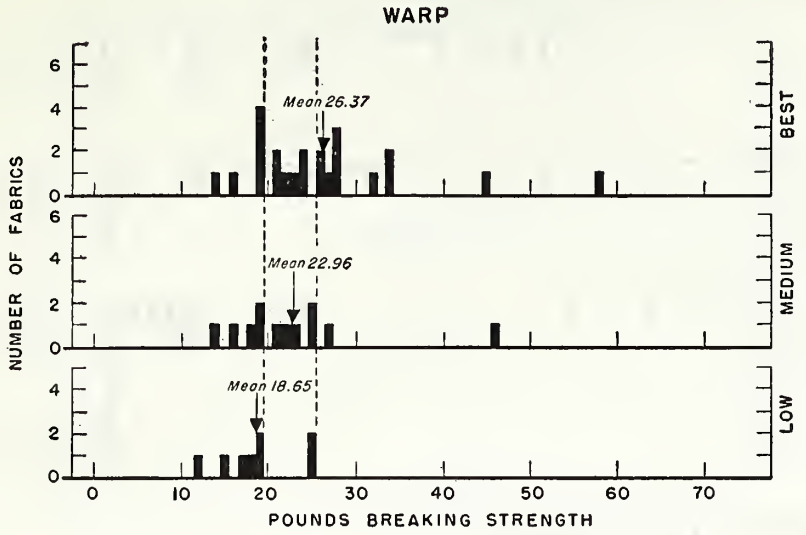
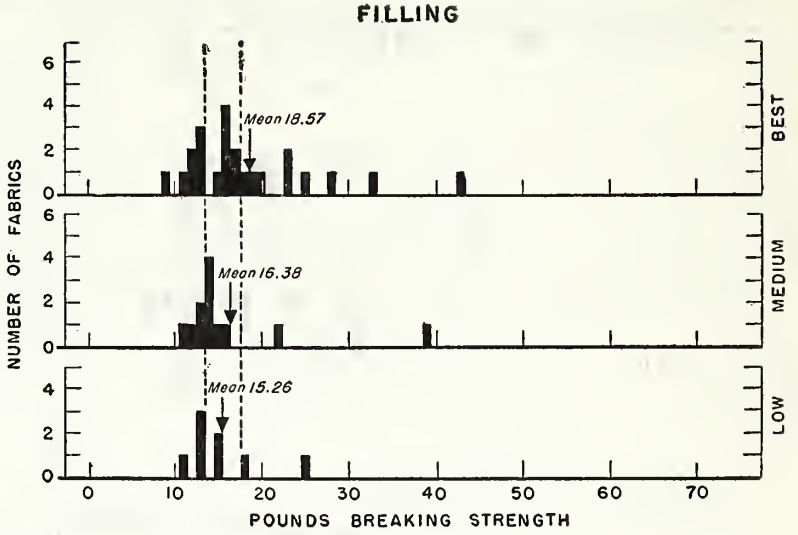


Figure 12. WOOL FLANNEL: Comparison of Three Qualities

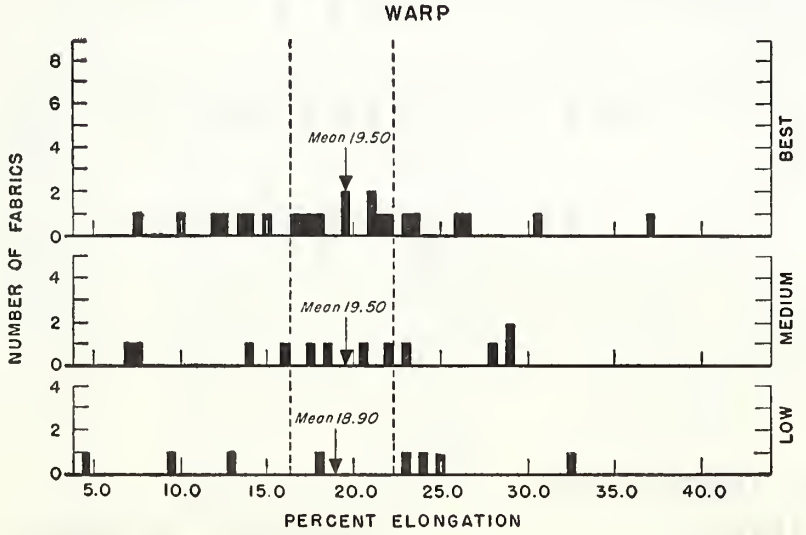


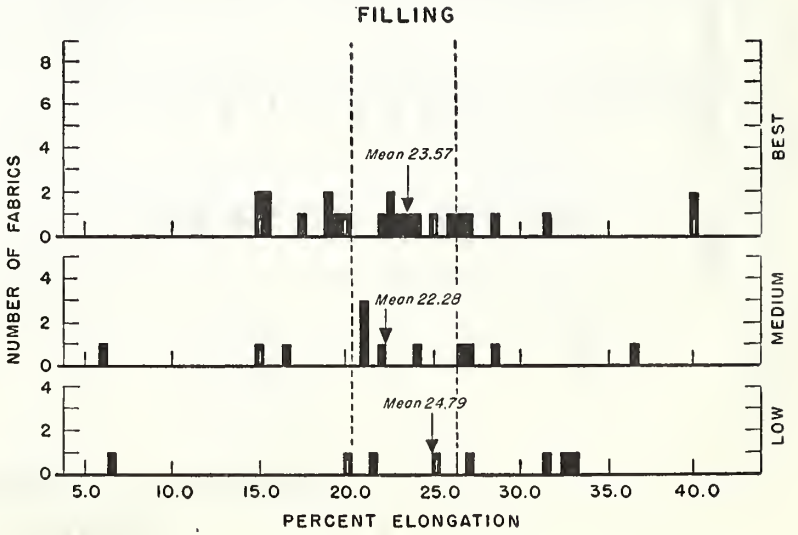
DRY BREAKING STRENGTH





DRY ELONGATION





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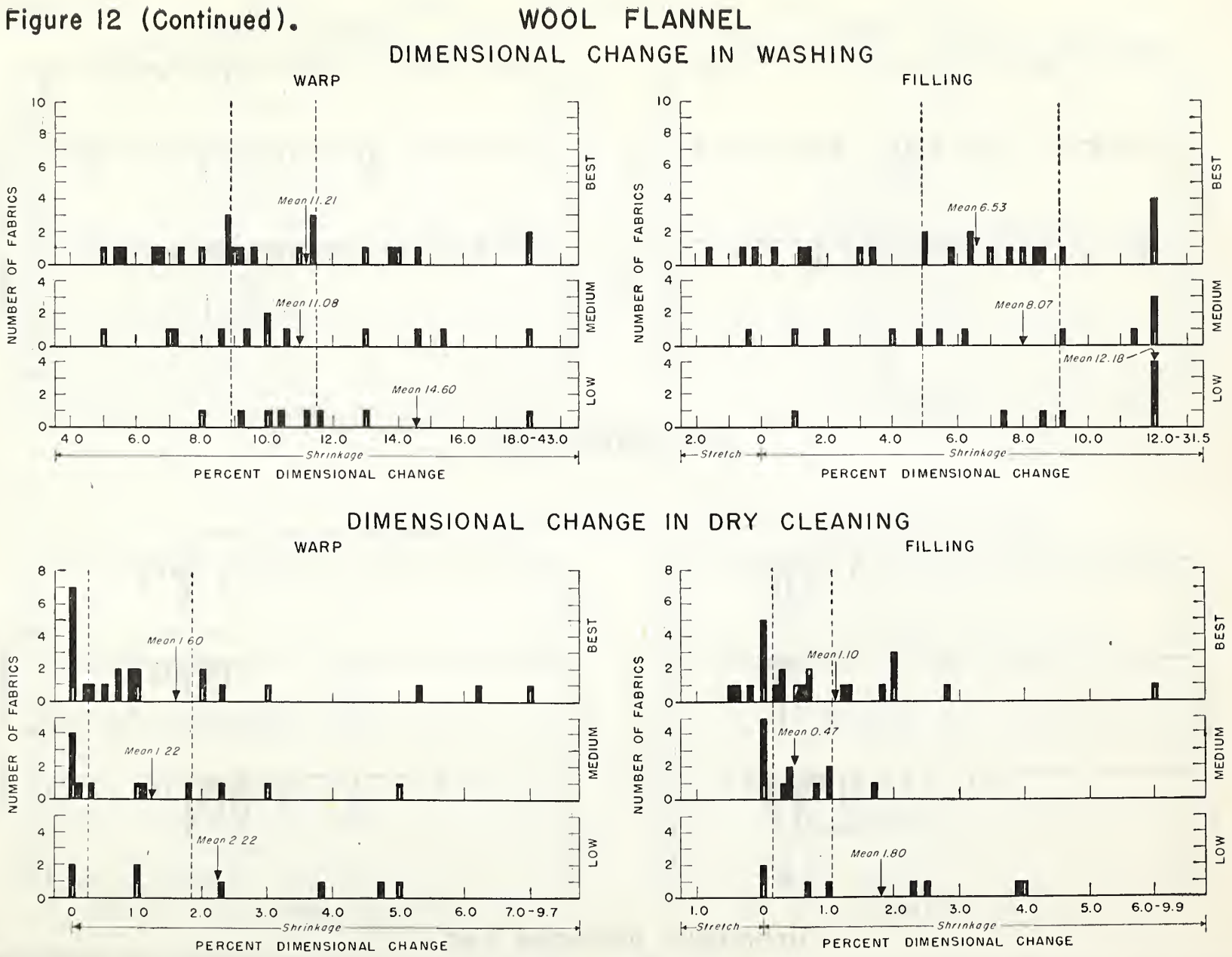
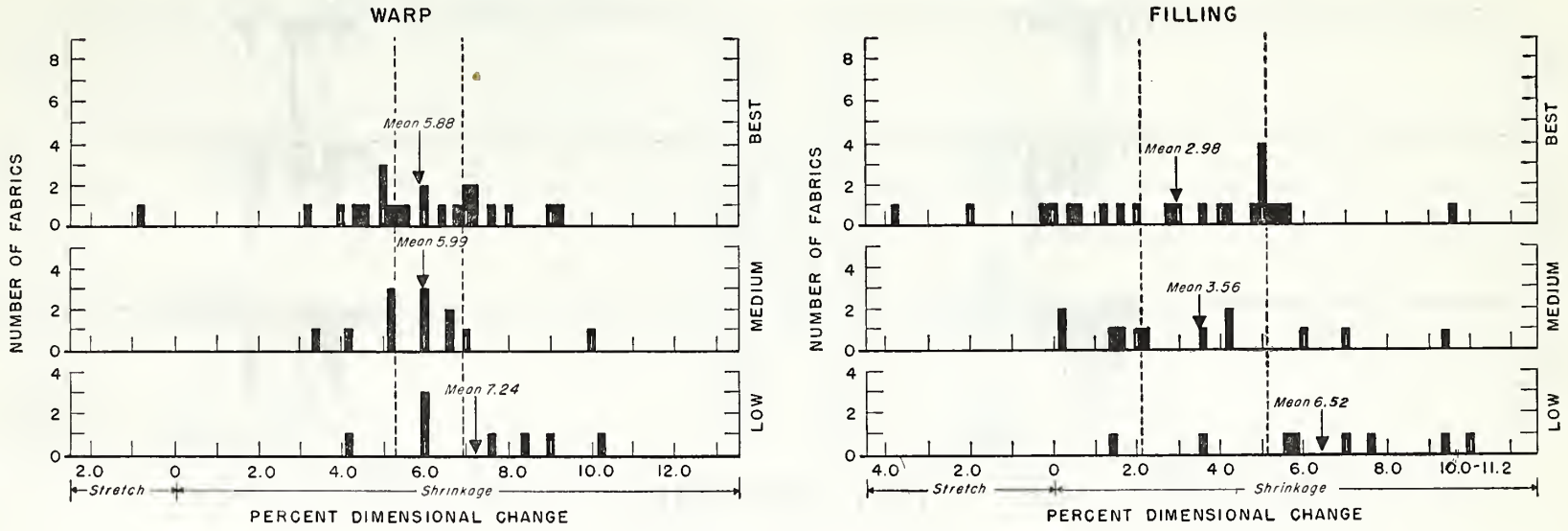


DIMENSIONAL CHANGE IN WET CLEANING



COLORFASTNESS

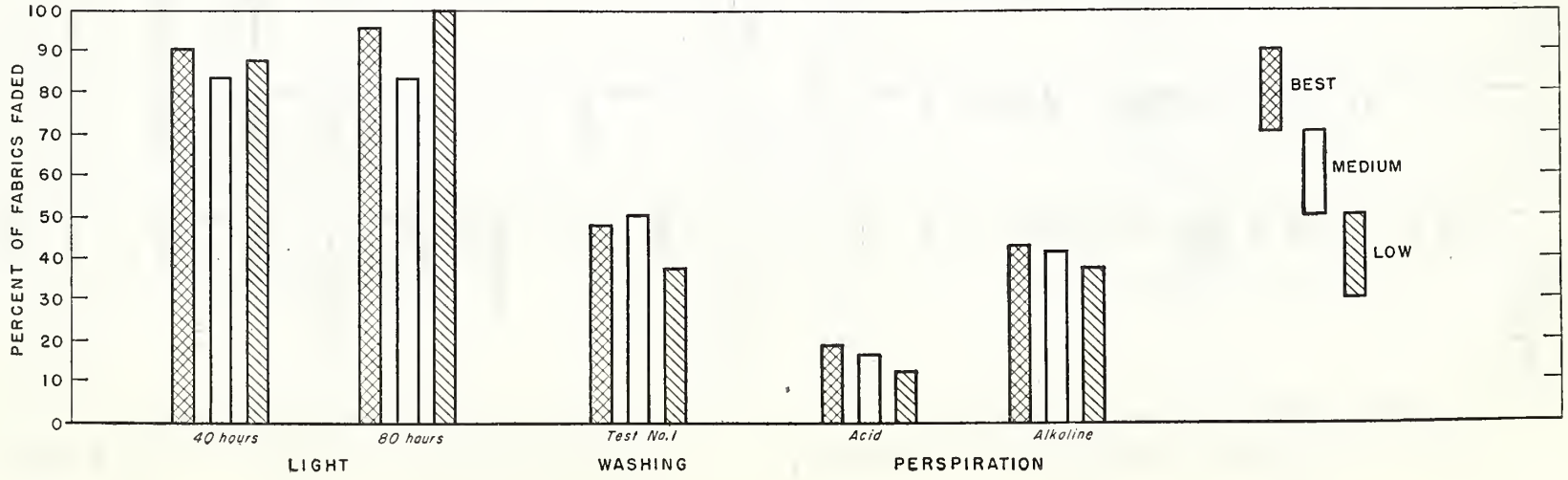
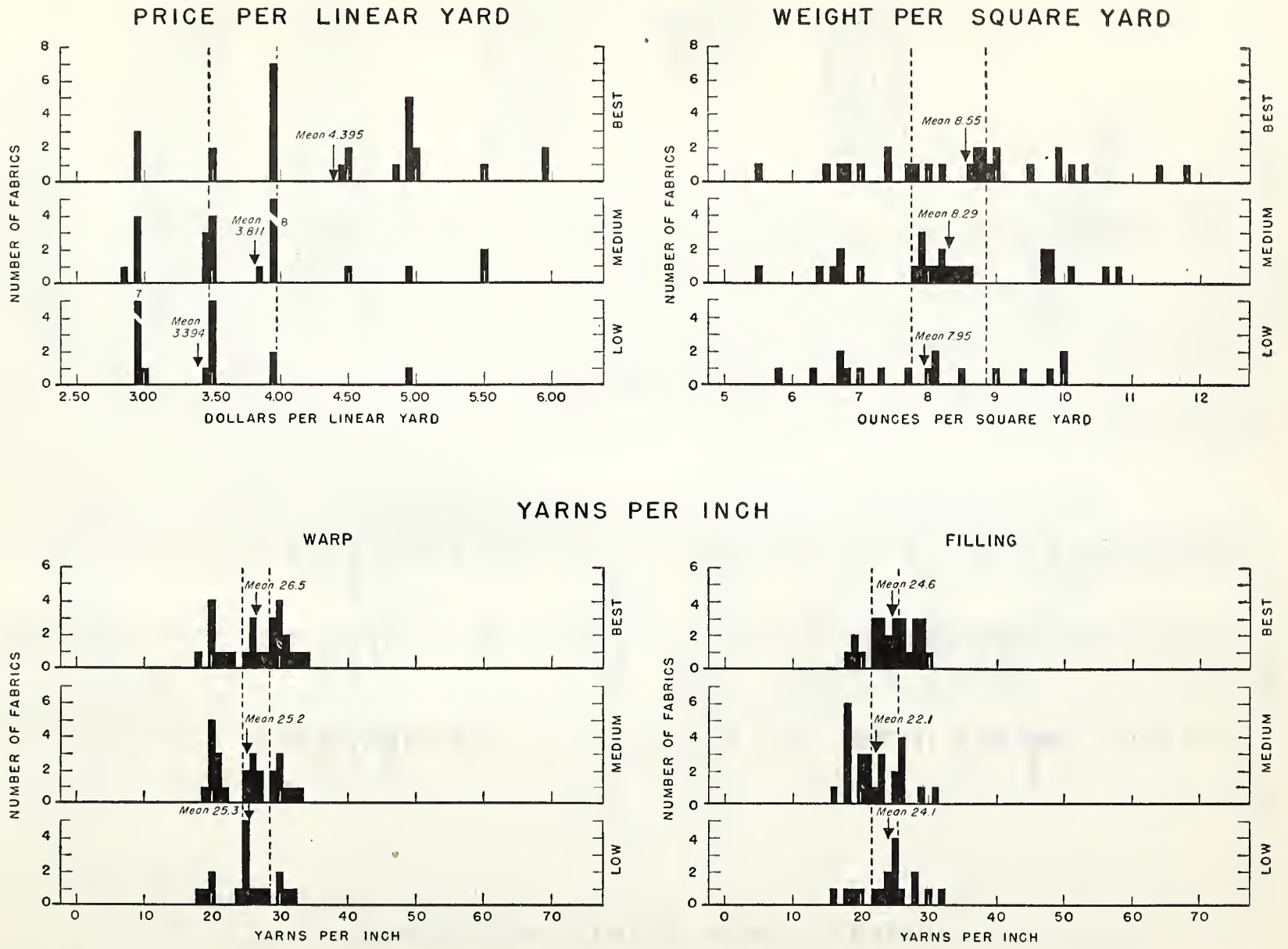
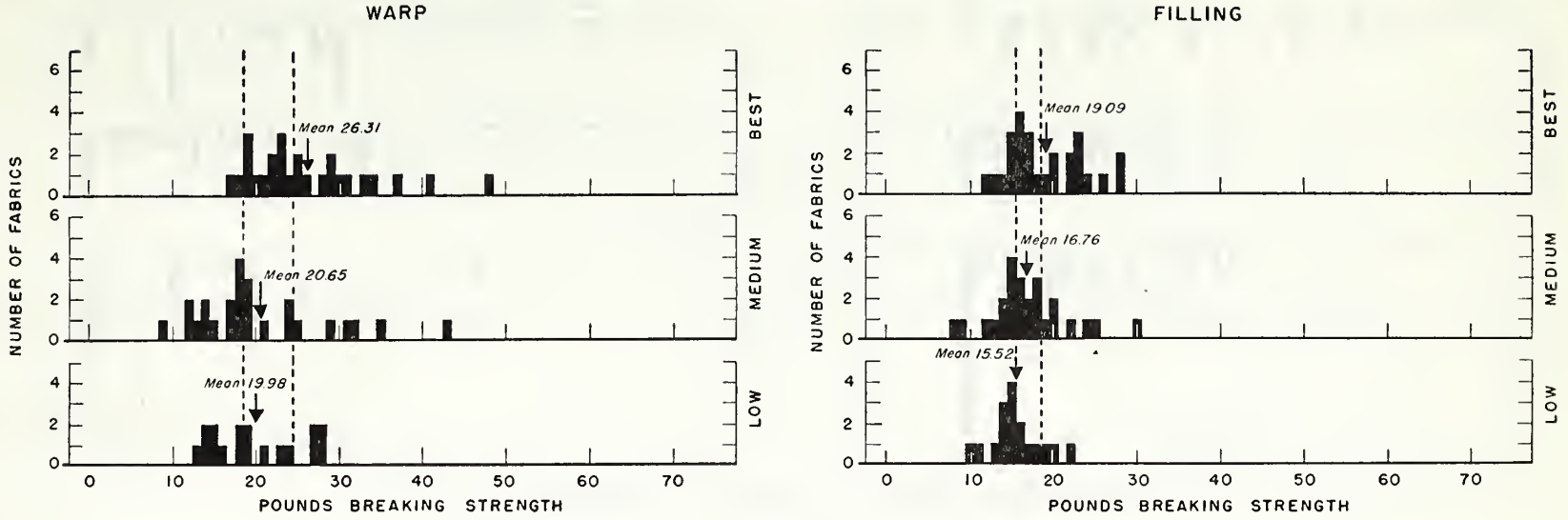


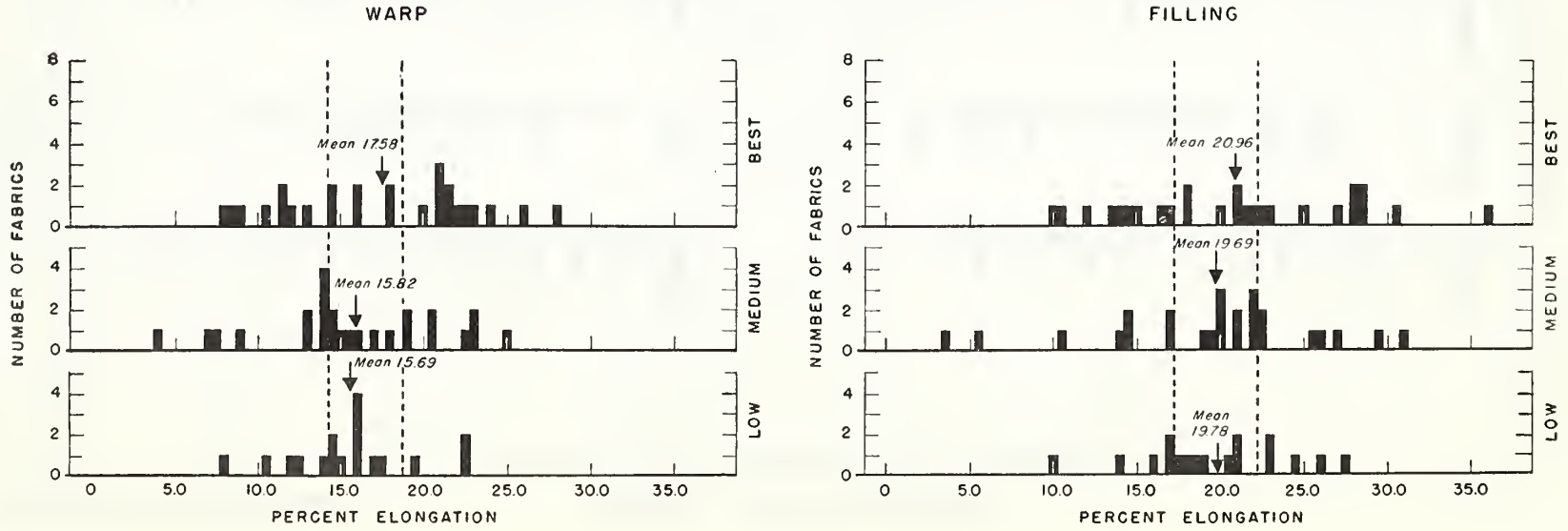
Figure 13. WOOL HERRINGBONE: Comparison of Three Qualities



DRY BREAKING STRENGTH



DRY ELONGATION



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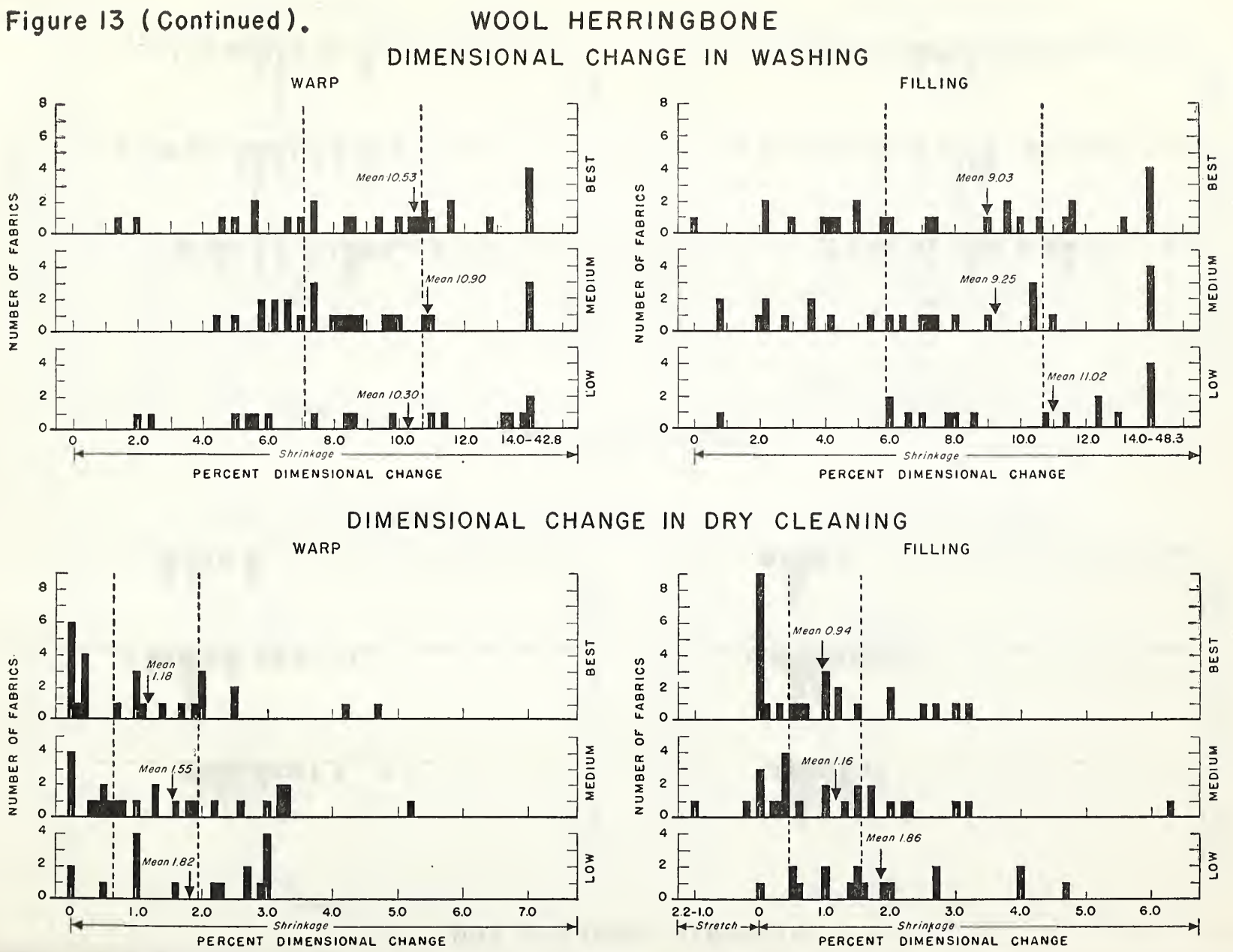
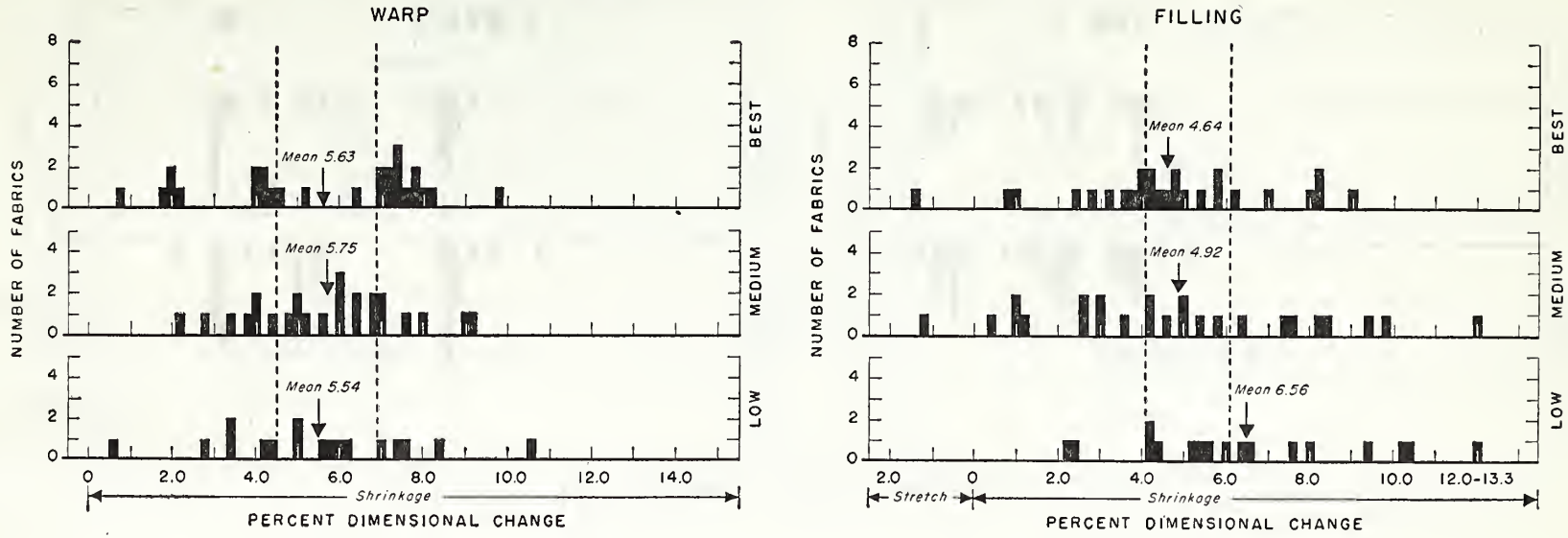


DIMENSIONAL CHANGE IN WET CLEANING



COLORFASTNESS

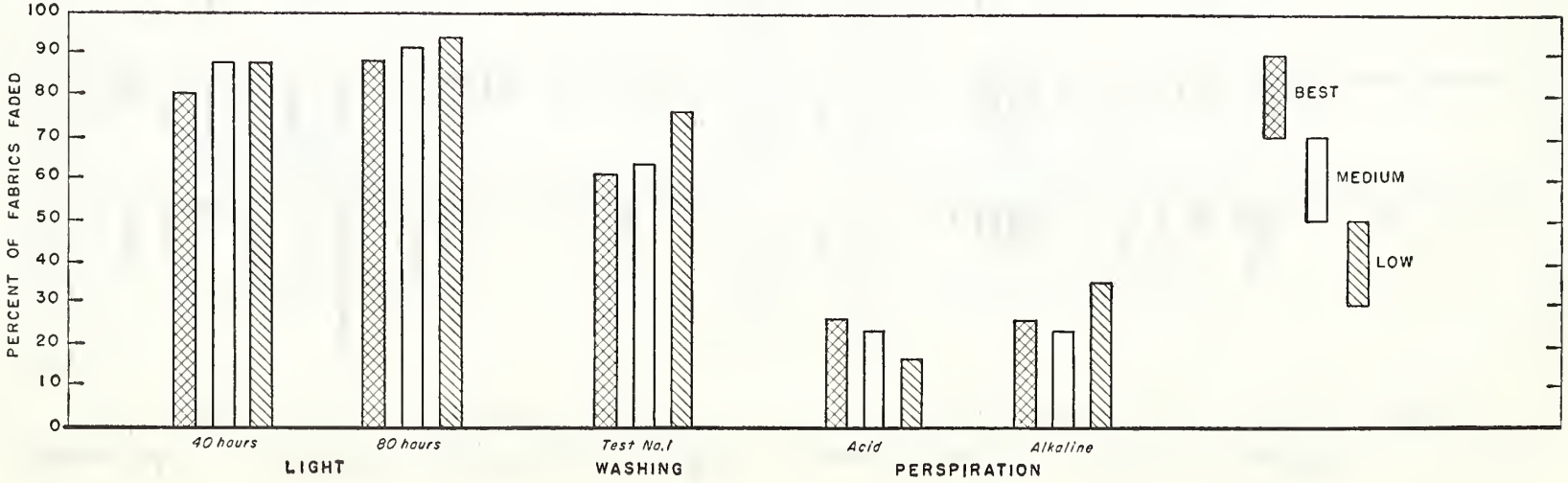
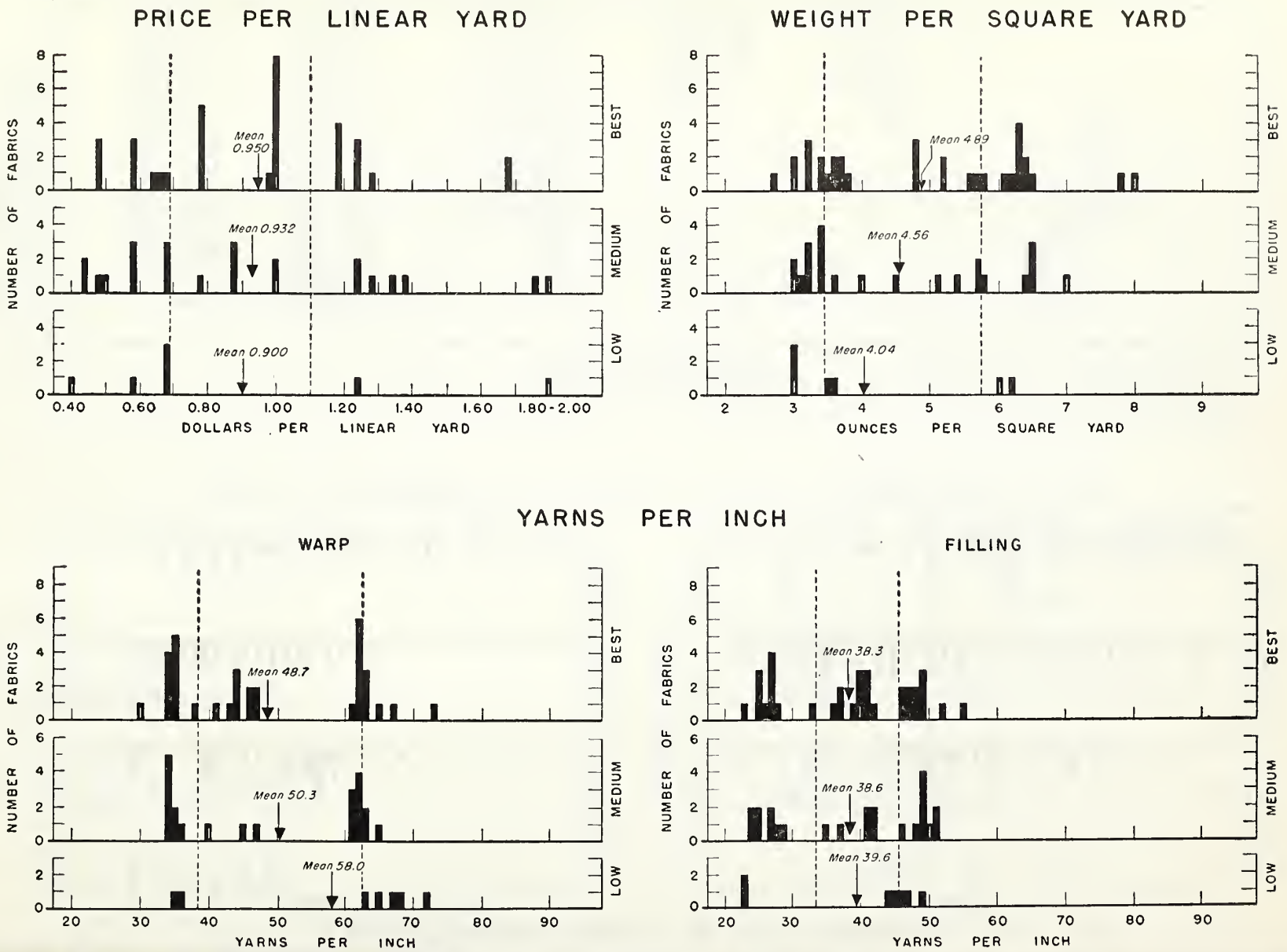
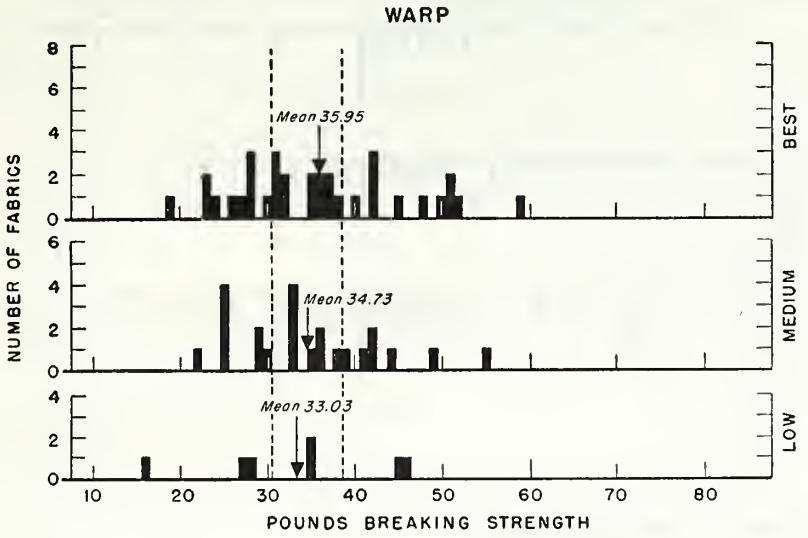
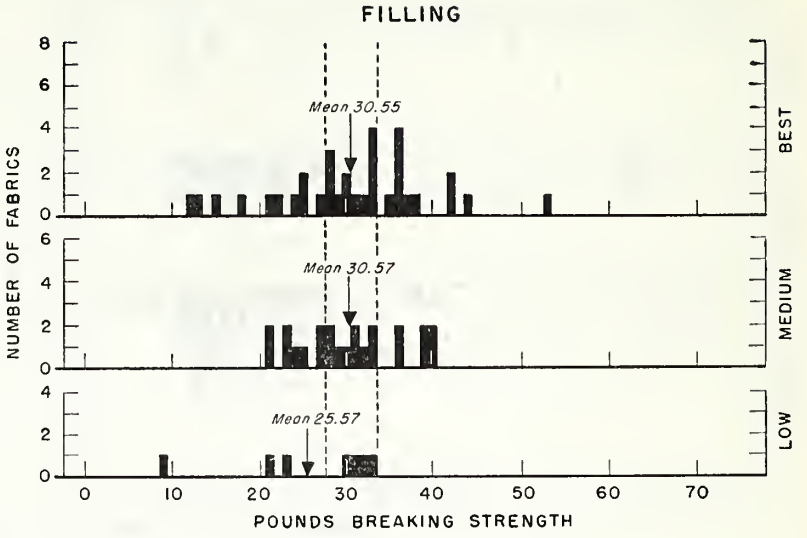


Figure 14. RAYON - COTTON CRASH: Comparison of Three Qualities

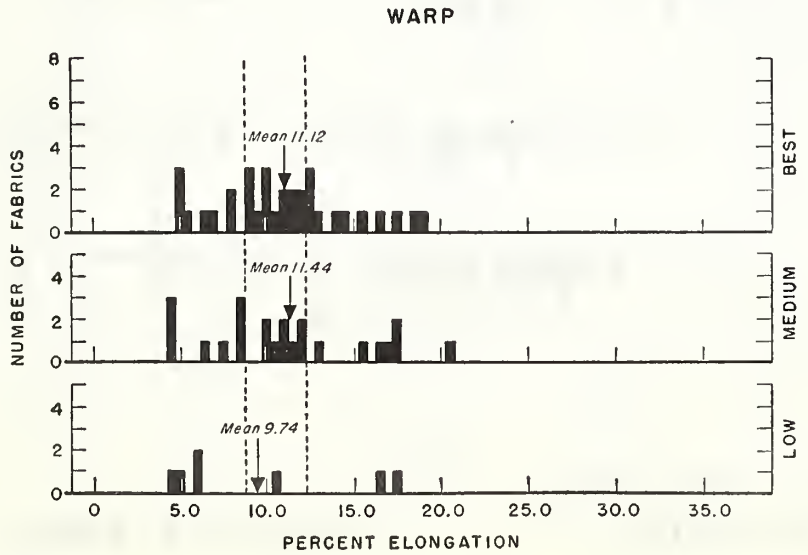


DRY BREAKING STRENGTH





DRY ELONGATION



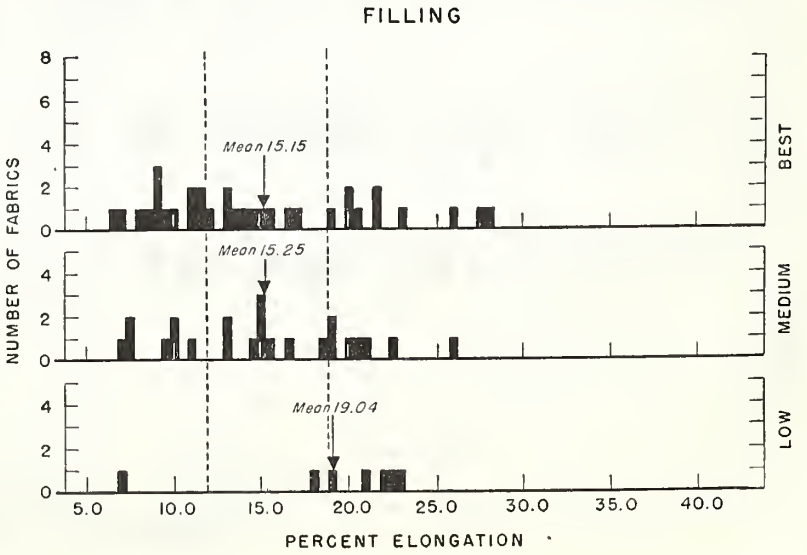
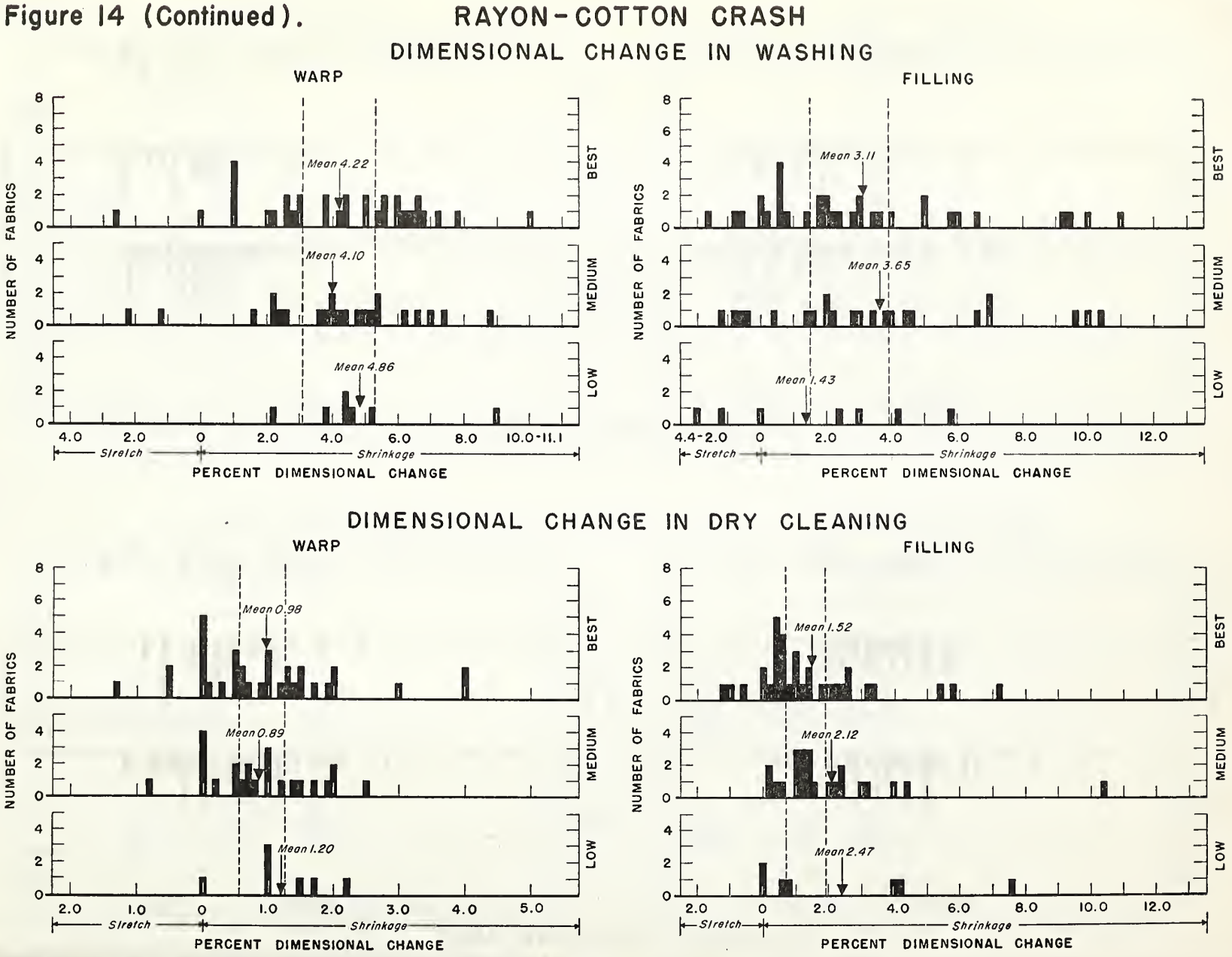
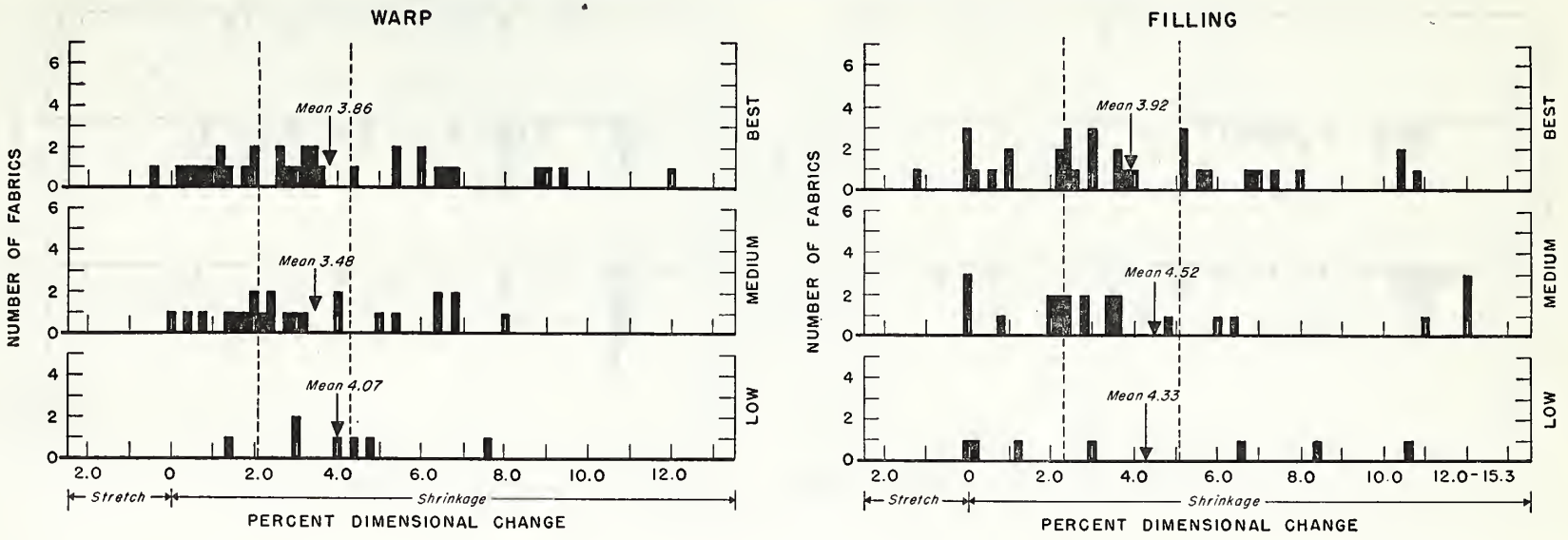


Figure 14 (Continued).



DIMENSIONAL CHANGE IN WET CLEANING



COLORFASTNESS

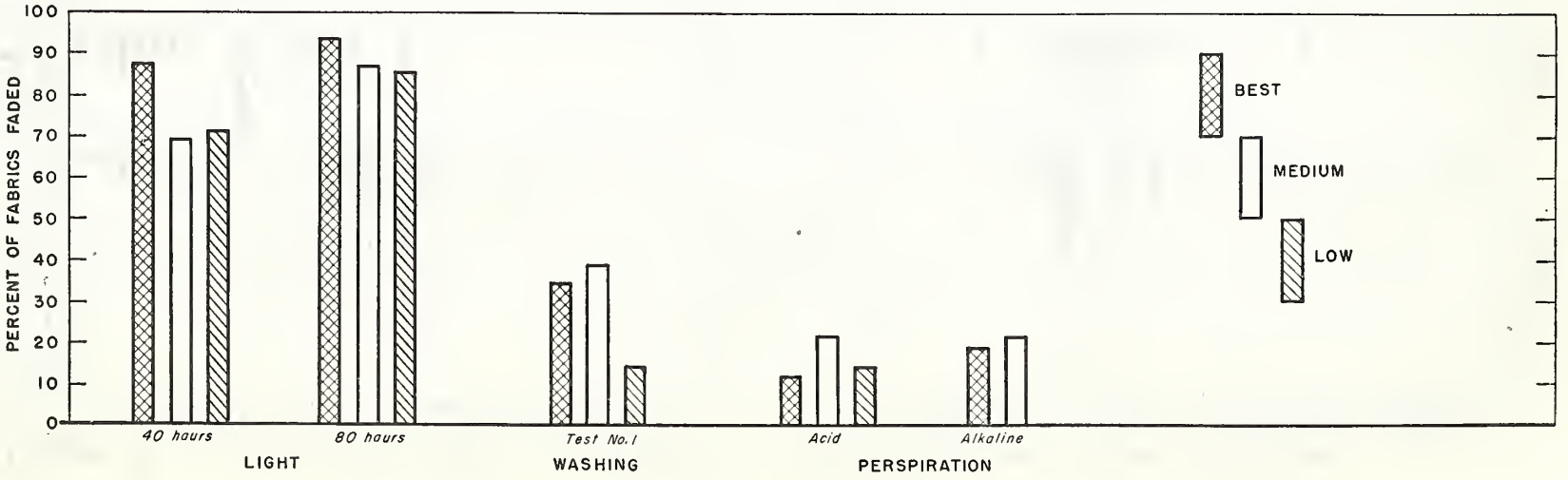
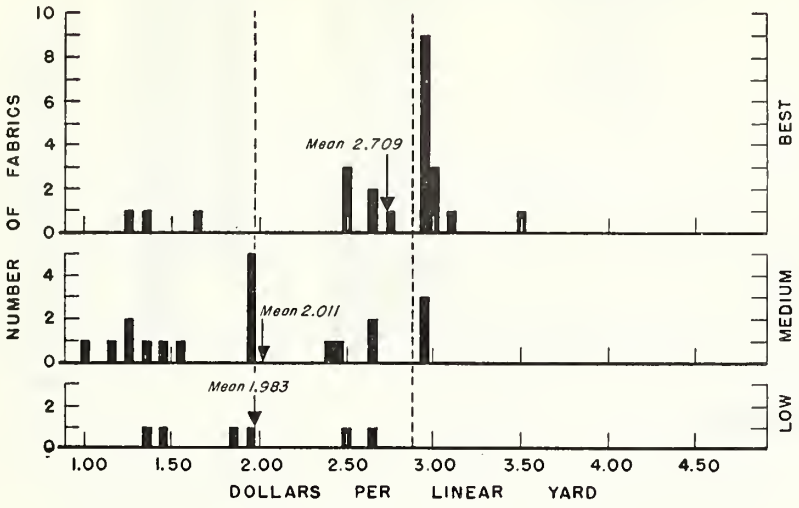
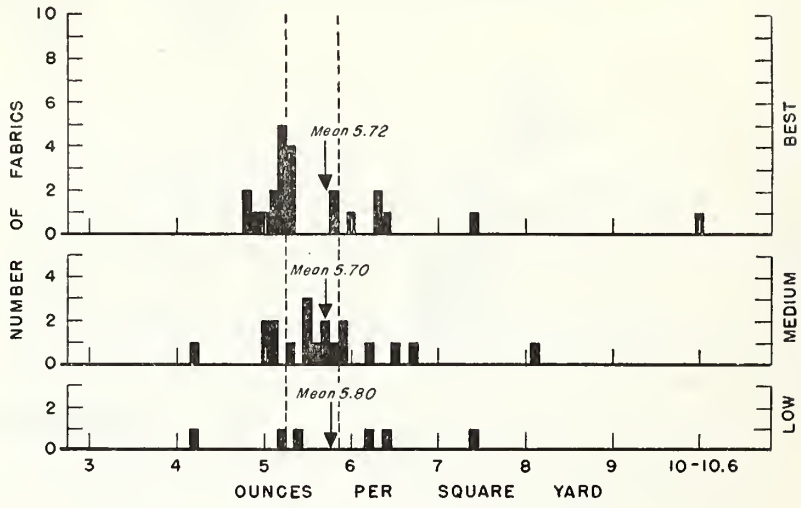


Figure 15. RAYON - WOOL FLANNEL: Comparison of Three Qualities

PRICE PER LINEAR YARD

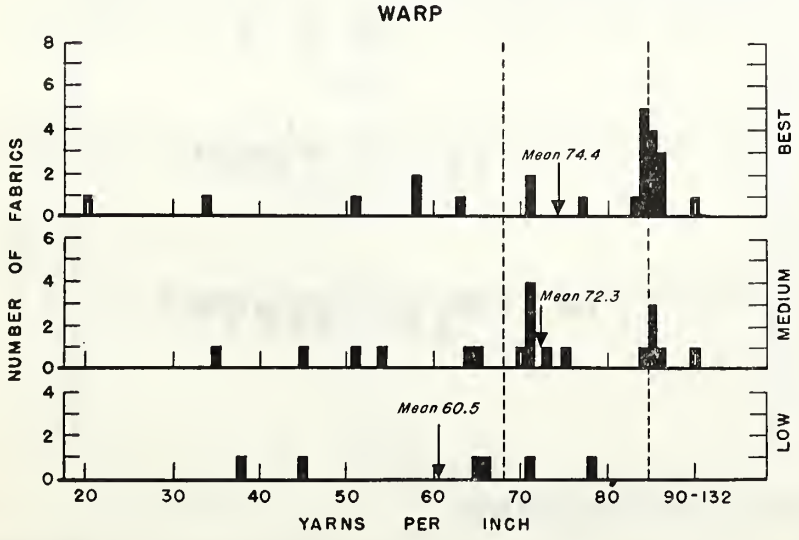


WEIGHT PER SQUARE YARD

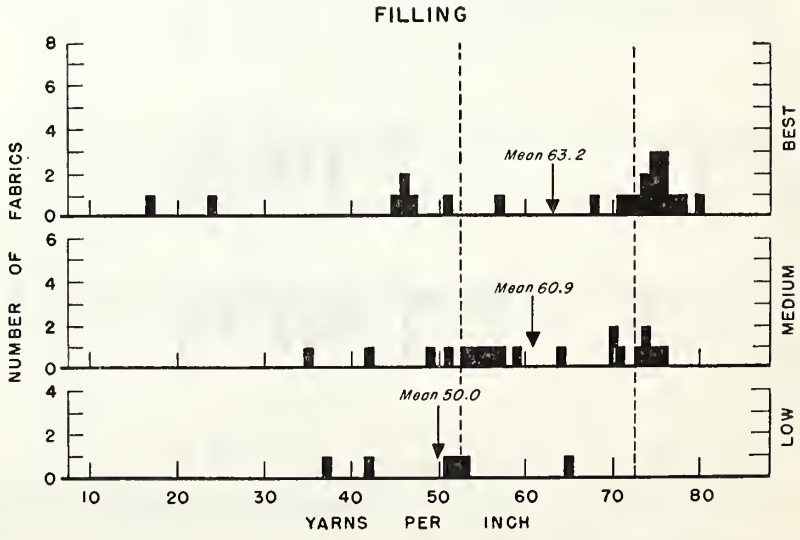


YARNS PER INCH

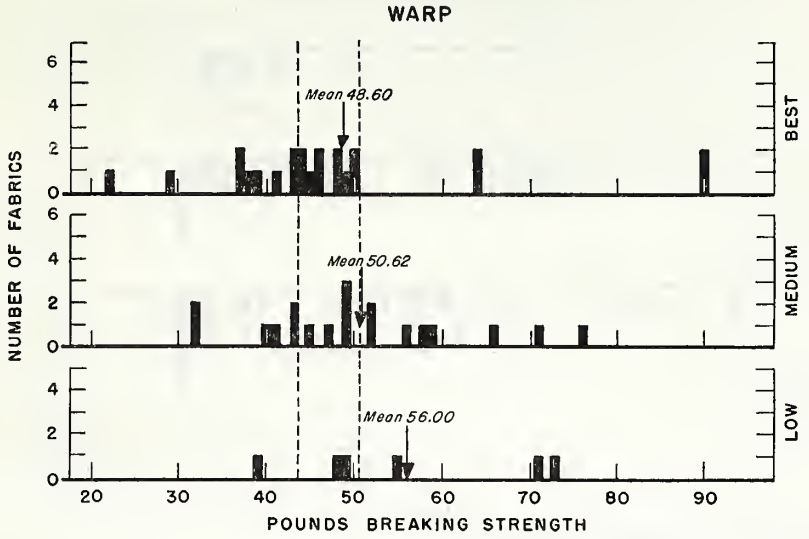
WARP

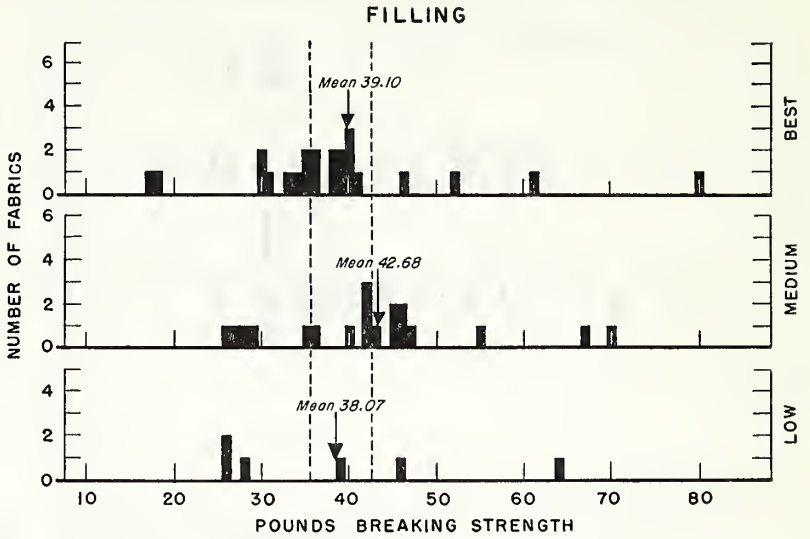


FILLING

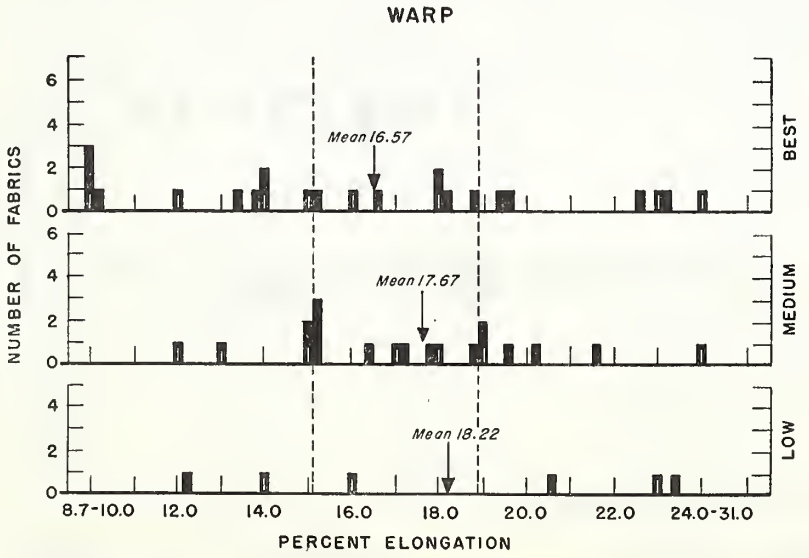


DRY BREAKING STRENGTH





DRY ELONGATION



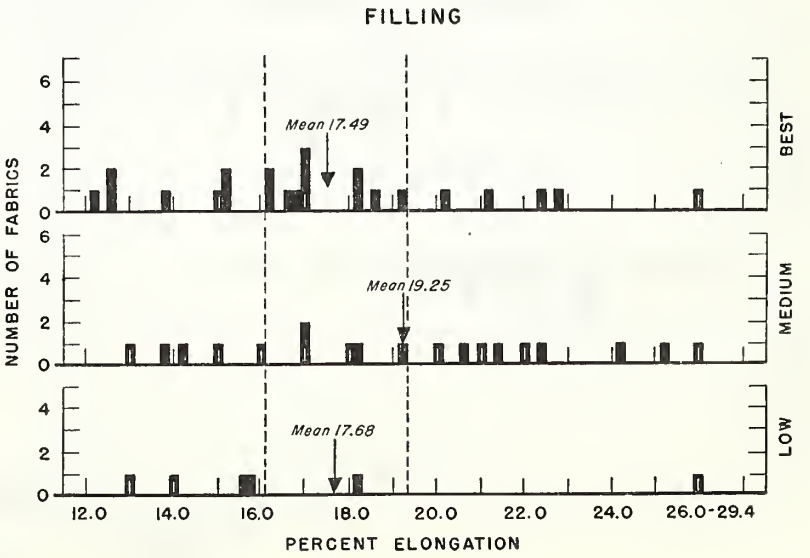
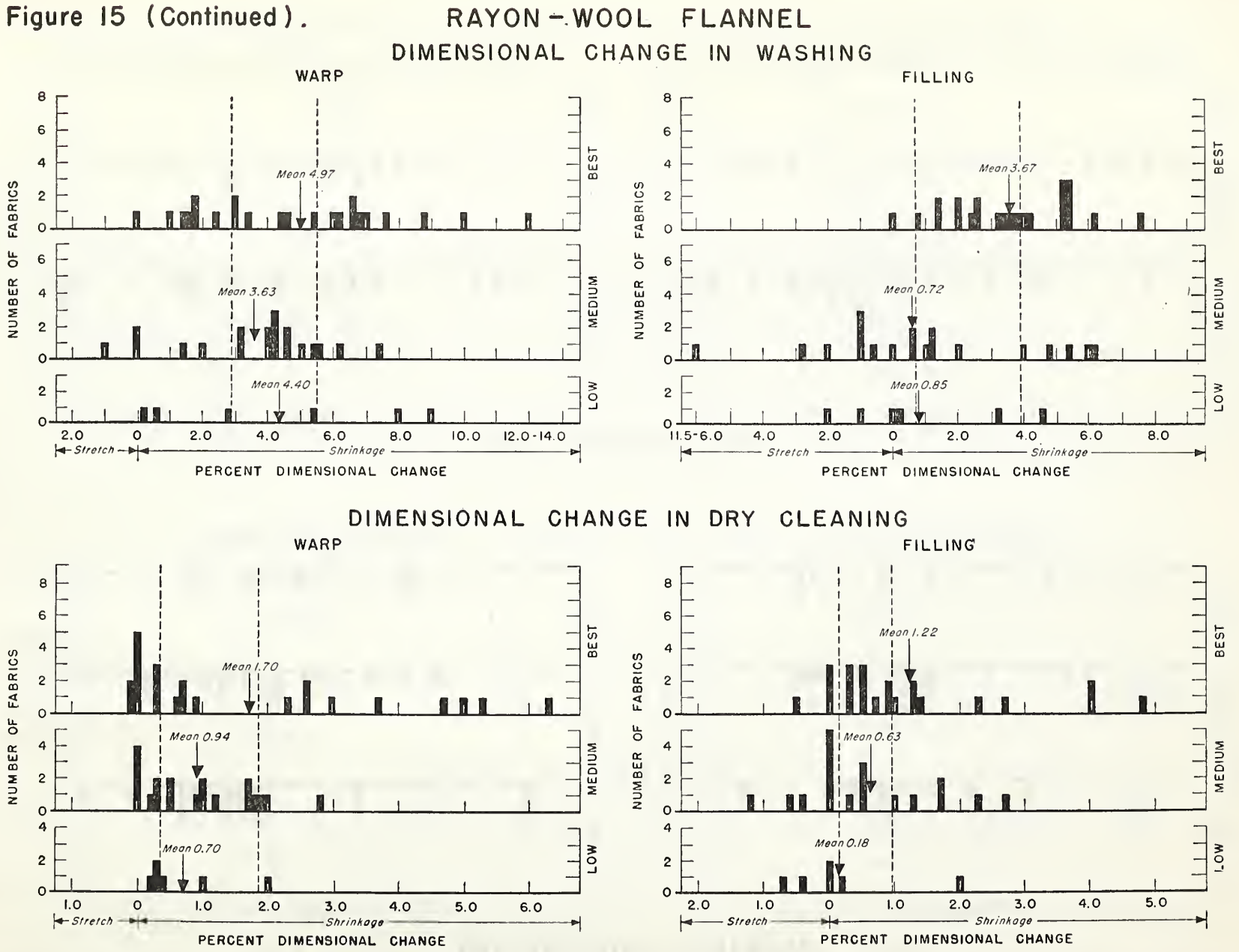
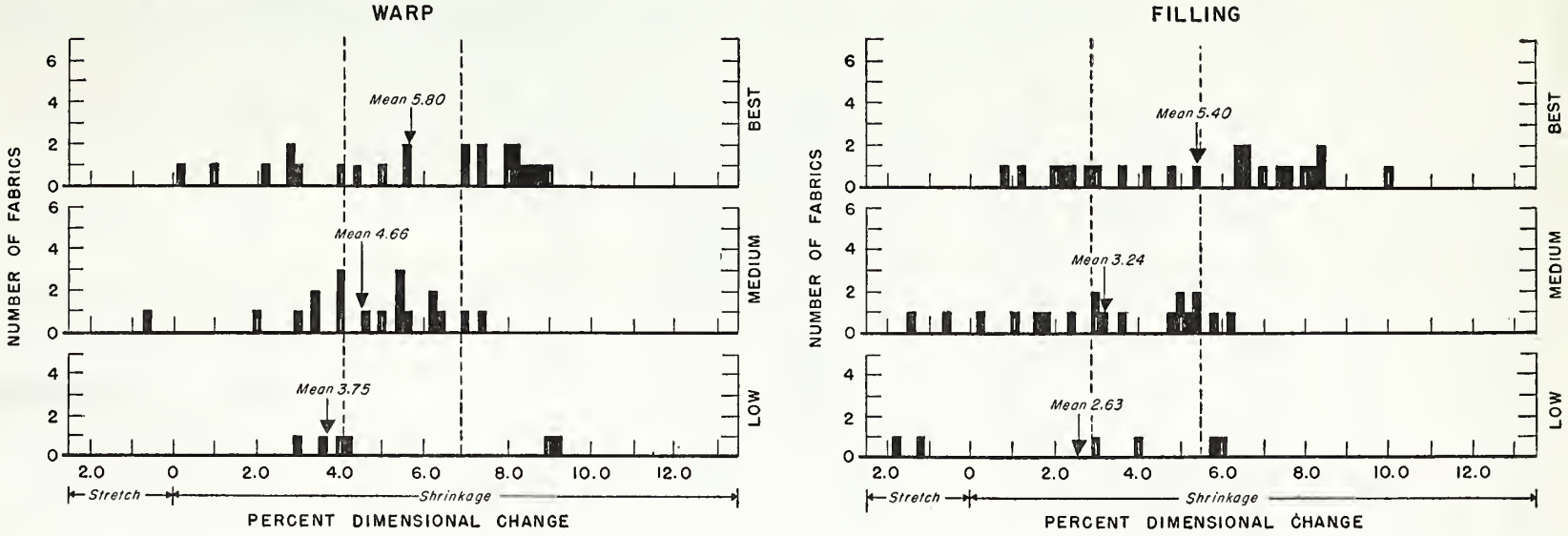


Figure 15 (Continued).



DIMENSIONAL CHANGE IN WET CLEANING



COLORFASTNESS

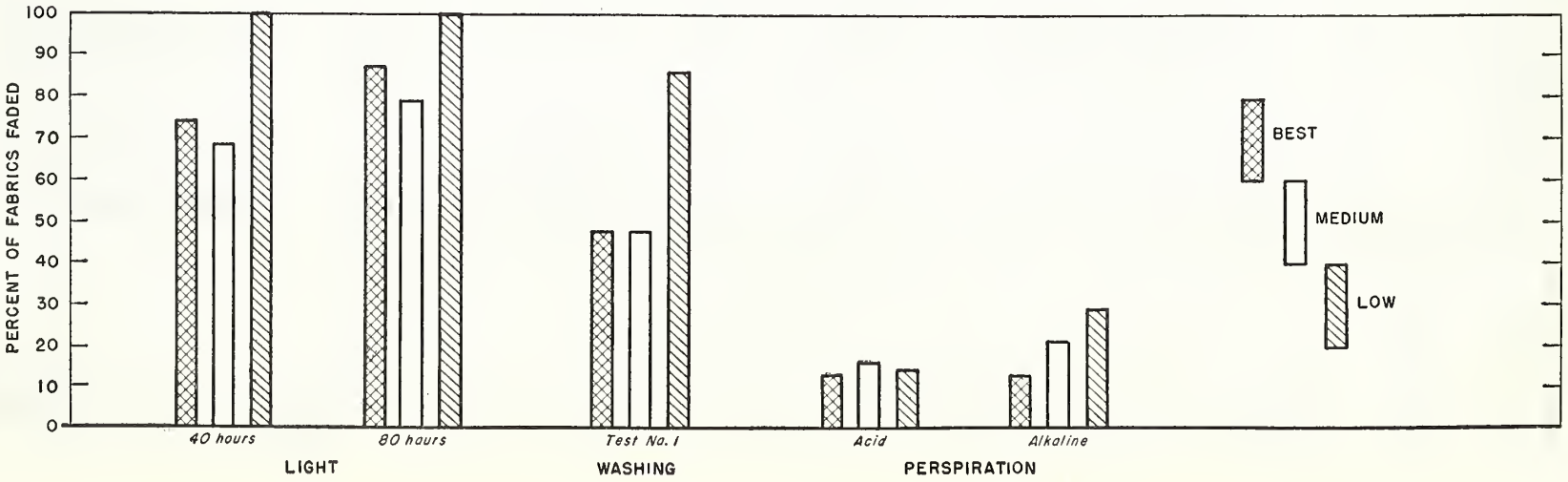


Table 1.—Cotton Fabrics: ***Price, width, weave, type of yarn, and content of fabric for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale***

Type of fabric, quality, and city number	First buying, fall 1944							Second buying, spring 1945						
				Yarn type		Fabric content					Yarn type		Fabric content	
	Price per yard	Width	Weave[1]	Warp	Filling	Sizing	Fiber	Price per yard	Width	Weave[1]	Warp	Filling	Sizing	Fiber
Broadcloth:														
Best:	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
1	0. 79	35⅞	(a)	Single	Single	2. 1	97. 9	0. 58	40½	(b)	Single	Single	6. 8	93. 2
2								. 79	35⅜	(a)	do	do	1. 5	98. 5
3	1. 29	36	(a)	2-ply	2-ply	. 2	99. 8							
4	1. 35	35⅞	(a)	do	do	. 5	99. 5							
5	1. 00	36⅛	(a)	Single	Single	1. 5	98. 5							
6	. 25	35⅜	(a)	do	do	27. 1	72. 9							
7	1. 29	34	(a)	do	do	. 4	99. 6	. 49	35⅝	(a)	Single	Single	. 9	99. 1
8	. 69	40⅝	(a)	do	do	1. 0	99. 0	1. 19	35⅜	(a)	do	do	. 8	99. 2
9								. 89	36⅛	(a)	do	do	13. 6	86. 4
10	. 59	35¾	(a)	Single	Single	3. 3	96. 7	. 98	36⅛	(a)	do	do	3. 4	96. 6
11	. 98	35⅝	(a)	do	do	. 2	99. 8							
12	1. 49	35⅝	(a)	2-ply	2-ply	. 3	99. 7	. 79	35⅛	(a)	Single	Single	3. 3	96. 7
13								1. 25	35⅛	(a)	do	do	1. 2	98. 8
14														
15														
Medium:														
1	. 89	37⅛	(a)	Single	Single	. 8	99. 2							
2														
3														
4	. 59	35⅝	(a)	Single	Single	. 6	99. 4							
5	. 79	35⅜	(a)	do	do	1. 8	98. 2							
6														
7								. 59	34⅝	(a)	Single	Single	. 8	99. 2
8								1. 00	35⅞	(a)	do	do	3. 2	96. 8
9														
10														
11														
12	. 79	38⅛	(a)	Single	Single	1. 0	99. 0							
13														
14														
15														
Low:														
1	. 49	36⅜	(a)	Single	Single	7. 4	92. 6							
2														
3														
4	. 69	36⅜	(a)	Single	Single	2. 2	97. 8							
5	. 79	35⅞	(a)	do	do	. 9	99. 1							
6														
7														
8														
9														
10														
11														
12	. 49	36	(a)	Single	Single	. 3	99. 7							
13														
14														
15														
Chambray:														
Best:														
1	. 59	35⅞	(a)	Single	Single	6. 1	93. 9	. 58	32⅛	(a)	Single	Single	11. 2	88. 8
2	. 79	35⅞	(a)	do	do	1. 8	98. 2	. 35	36⅛	(a)	do	do	8. 2	91. 8
3	. 50	36	(a)	do	do	3. 6	96. 4							
4	1. 00	36	(a)	do	do	2. 0	98. 0							
5	. 69	35⅝	(a)	do	do	7. 3	92. 7							
6	. 59	36⅛	(a)	do	do	9. 0	91. 0							
7	. 79	35⅜	(a)	do	do	2. 4	97. 6	. 69	35⅝	(a)	Single	Single	2. 6	97. 4
8	. 69	36⅛	(a)	do	do	8. 0	92. 0							
9	. 69	31⅞	(a)	do	do	6. 1	93. 9	. 79	24⅝	(a)	Single	Single	3. 0	97. 0
10	. 89	39⅜	(a)	do	do	8. 2	91. 8	. 69	36	(a)	2-ply	do	7. 4	92. 6
11								. 98	32⅛	(a)	Single	do	8. 0	92. 0
12	. 79	35⅜	(a)	Single	Single	7. 4	92. 6	. 79	32	(a)	do	do	8. 8	91. 2
13								. 39	35⅞	(a)	do	do	2. 8	97. 2
14								. 69	36⅛	(a)	do	do	11. 6	88. 4
15														

See footnote at end of table.

Table 1.—Cotton Fabrics: ***Price, width, weave, type of yarn, and content of fabric for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale*—Continued**

Type of fabric, quality, and city number	Third buying, fall 1945							Fourth buying, spring 1946						
	Price per yard	Width	Weave [1]	Yarn type		Fabric content		Price per yard	Width	Weave [1]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber				Warp	Filling	Sizing	Fiber
Broadcloth:														
Best:	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
1	0.75	35⅝	(a)	Single	Single	1.6	98.4							
2														
3														
4	1.45	36⅞	(a)	2-ply	2-ply	.5	99.5	1.24	35⅛	(a)	Single	Single	0.6	99.4
5	.29	35⅞	(a)	Single	Single	1.0	99.0							
6														
7	.79	35⅝	(a)	Single	Single	.4	99.6	.79	36	(a)	Single	Single	1.0	99.0
8								1.05	35	(a)	do	do	1.2	98.8
9	.39	34⅜	(a)	Single	Single	.9	99.1	.49	35¼	(a)	do	do	.3	99.7
10	.89	34⅞	(a)	do	do	2.4	97.6							
11														
12	.75	35⅞	(a)	Single	Single	2.5	97.5							
13	.89	35⅛	(a)	do	do	1.2	98.8	.79	35⅜	(a)	Single	Single	.7	99.3
14								.79	34⅝	(a)	do	do	1.4	98.6
15														
Medium:														
1														
2														
3														
4	.72	36⅜	(a)	Single	Single	.3	99.7							
5	.39	35⅞	(a)	do	do	.5	99.5							
6														
7	.39	.41	(a)	Single	Single	3.1	96.9	.75	35⅛	(a)	Single	Single	.3	99.7
8								.89	35¼	(a)	do	do	.6	99.4
9														
10														
11														
12	.79	37⅛	(a)	Single	Single	3.1	96.9							
13	.79	35⅝	(a)	do	do	4.1	95.9							
14														
15														
Low:														
1														
2														
3														
4	.49	35⅛	(a)	Single	Single	1.5	98.5							
5														
6														
7								.59	35⅜	(a)	Single	Single	2.2	97.8
8								1.39	36⅝	(a)	do	do	1.2	98.8
9														
10														
11														
12														
13														
14														
15														
Chambray														
Best:														
1	.77	35⅞	(a)	Single	Single	3.8	96.2	.78	35⅞	(a)	Single	Single	2.0	98.0
2								1.00	34	(a)	do	do	2.4	97.6
3														
4	1.00	35⅝	(a)	Single	Single	1.9	98.1	.79	35¼	(a)	Single	Single	1.4	98.6
5	.79	35⅜	(a)	do	do	2.0	98.0							
6														
7	.49	31⅞	(a)	Single	Single	5.0	95.0	.69	37⅛	(a)	Single	Single	7.7	92.3
8								.98	35⅝	(a)	do	do	1.8	98.2
9	.59	36	(a)	Single	Single	2.1	97.9							
10	.89	35	(a)	do	do	2.1	97.9							
11								.65	37⅛	(a)	Single	Single	9.5	90.5
12	.98	35⅝	(a)	Single	Single	3.3	96.7	.69	36	(a)	do	do	10.3	89.7
13	.78	35⅜	(a)	do	do	3.3	96.7							
14														
15														

See footnote at end of table.

Table 1.—Cotton Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale*—Continued

Type of fabric, quality, and city number	First buying, fall 1944							Second buying, spring 1945						
	Price per yard	Width	Weave[1]	Yarn type		Fabric content		Price per yard	Width	Weave[1]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber				Warp	Filling	Sizing	Fiber
Chambray—Con.														
Medium:	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
1	0.49	40	(a)	Single	Single	7.6	92.4							
2	.39	36⅝	(a)	do	do	6.7	93.3	0.59	35⅝	(a)	Single	Single	10.2	89.8
3	.39	35⅝	(a)	do	do	4.2	95.8							
4	.59	36	(a)	do	do	8.8	91.2							
5	.69	36⅜	(a)	do	do	9.2	90.8							
6	.69	35⅝	(a)	do	do	14.4	85.6							
7	.59	36⅜	(a)	do	do	4.7	95.3	.59	35⅝	(a)	Single	Single	5.0	95.0
8														
9	.49	36¼	(a)	Single	Single	3.5	96.5							
10	.79	40	(a)	do	do	7.4	92.6							
11														
12	.69	37⅞	(a)	Single	Single	8.7	91.3	.29	37	(a)	Single	Single	8.6	91.4
13														
14														
15														
Low:														
1														
2	.59	31⅞	(a)	Single	Single	8.9	91.1							
3														
4	.49	39⅞	(a)	Single	Single	8.7	91.3							
5														
6														
7	.39	36⅝	(a)	Single	Single	12.1	87.9	.39	36⅞	(a)	Single	Single	1.2	98.8
8														
9														
10	.69	35⅝	(a)	Single	Single	5.9	94.1							
11														
12	.25	37	(a)	Single	Single	7.3	92.7	.25	36⅜	(a)	Single	Single	7.2	92.8
13														
14														
15														
Gabardine:														
Best:														
1	.79	36⅞	(c)	Single	Single	.9	99.1	1.00	38⅛	(c)	Single	Single	.5	99.5
2	.98	38	(c)	do	do	.6	99.4	1.19	36⅝	(c)	do	do	.4	99.6
3	.22	35⅝	(b)	do	do	7.7	92.3	.79	35⅝	(c)	do	do	2.1	97.9
4	1.25	36⅞	(c)	do	do	.7	99.3							
5	1.00	36⅝	(c)	do	do	1.0	99.0							
6	1.19	37	(c)	do	do	1.2	98.8							
7	.98	32⅛	(c)	do	do	.4	99.6	.98	37⅞	(c)	Single	Single	.7	99.3
8								1.39	36⅞	(c)	do	do	.2	99.8
9	.89	37⅞	(c)	Single	Single	5.3	94.7	1.19	35⅝	(d)	do	do	1.7	98.3
10	.98	31⅝	(c)	do	do	.5	99.5	.98	37	(c)	do	do	1.0	99.0
11	.89	32⅛	(c)	do	do	.2	99.8	.98	42⅛	(c)	do	do	.5	99.5
12	.79	36⅝	(c)	do	do	.4	99.6	1.59	38⅜	(b)	2-ply	2-ply	2.1	97.9
13								.79	35⅜	(c)	Single	Single	2.8	97.2
14								.79	35	(d)	do	do	.8	99.2
15														
Medium:														
1	1.00	35⅛	(e)	Single	Single	.6	99.4	.98	36⅝	(c)	Single	Single	.8	99.2
2	1.00	35⅛	(b)	do	do	.4	99.6	1.00	37⅛	(c)	do	do	1.0	99.0
3								.79	37	(e)	do	do	1.8	98.2
4	.79	35	(b)	Single	Single	4.0	96.0							
5	.79	37⅞	(c)	do	do	.5	99.5							
6	.59	28⅞	(b)	do	do	2.2	97.8							
7	.79	37⅞	(c)	do	do	.2	99.8	.89	32⅝	(c)	Single	Single	.7	99.3
8								.59	35⅜	(b)	do	do	5.3	94.7
9	.89	36	(c)	Single	Single	1.2	98.8							
10	.69	32⅝	(c)	do	do	.8	99.2	.89	33	(c)	Single	Single	.7	99.3
11	.79	36	(c)	do	do	.5	99.5	.79	29⅞	(c)	do	do	.4	99.6
12	.98	36⅛	(c)	do	do	.4	99.6	.79	35⅝	(b)	do	do	1.2	98.8
13														
14														
15														

See footnote at end of table.

Table 1.—Cotton Fabrics: ***Price, width, weave, type of yarn, and content of fabric for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale*—Continued**

Type of fabric, quality, and city number	Third buying, fall 1945							Fourth buying, spring 1946						
	Price per yard	Width	Weave [1]	Yarn type		Fabric content		Price per yard	Width	Weave [1]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber				Warp	Filling	Sizing	Fiber
Chambray—Con.														
Medium:	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
1	0. 68	35⅛	(a)	Single	Single	1. 2	98. 8	0. 87	35⅝	(a)	Single	Single	2. 2	97. 8
2														
3														
4	1. 00	35	(a)	Single	Single	. 5	99. 5							
5	. 59	35⅞	(a)	do	do	7. 9	92. 1							
6														
7	. 39	35⅝	(a)	Single	Single	7. 0	93. 0	. 69	34⅞	(a)	Single	Single	5. 0	95. 0
8								. 64	36⅞	(a)	do	do	4. 1	95. 9
9														
10														
11														
12	. 59	35	(a)	Single	Single	3. 8	96. 2							
13														
14														
15														
Low:														
1	. 58	34⅛	(a)	Single	Single	7. 1	92. 9	. 79	35⅛	(a)	Single	Single	2. 8	97. 2
2														
3														
4	. 59	35⅝	(a)	Single	Single	7. 6	92. 4							
5														
6														
7								. 69	36⅞	(a)	Single	Single	8. 3	91. 7
8														
9														
10														
11														
12	. 49	37⅞	(a)	Single	Single	13. 0	87. 0							
13														
14														
15														
Gabardine:														
Best:														
1	1. 00	35	(d)	Single	Single	. 6	99. 4	1. 00	32⅞	(c)	Single	Single	1. 1	98. 9
2	. 98	36	(c)	do	do	. 8	99. 2	1. 19	32⅝	(c)	do	do	1. 2	98. 8
3														
4	1. 00	32⅝	(c)	Single	Single	. 4	99. 6	1. 25	32⅞	(c)	Single	Single	. 7	99. 3
5	1. 19	35⅞	(e)	do	do	1. 2	98. 8	1. 00	32⅞	(c)	do	do	. 5	99. 5
6								. 89	36⅝	(c)	do	do	1. 2	98. 8
7	. 49	36⅞	(c)	Single	Single	4. 6	95. 4	1. 19	37⅛	(c)	do	do	1. 0	99. 0
8	. 95	52⅛	(b)	do	do	2. 2	97. 8	1. 39	38	(c)	do	do	. 5	99. 5
9								. 49	35⅛	(c)	do	do	1. 9	98. 1
10	. 79	36	(c)	Single	Single	2. 4	97. 6	1. 39	36⅞	(f)	do	do	4. 7	95. 3
11	1. 15	35⅝	(g)	2-ply	do	4. 4	95. 6	1. 00	38⅝	(c)	do	do	4. 2	95. 8
12								1. 00	36⅞	(c)	do	do	5. 8	94. 2
13	. 79	37⅞	(c)	Single	Single	. 7	99. 3	1. 00	32⅛	(c)	do	do	2. 6	97. 4
14								. 73	32⅝	(c)	do	do	. 4	99. 6
15								. 79	35	(d)	do	do	. 3	99. 7
Medium:														
1	. 85	29⅛	(c)	Single	Single	. 3	99. 7	1. 00	35⅛	(c)	do	do	. 8	99. 2
2	. 49	35⅛	(b)	do	do	2. 2	97. 8	. 88	32⅜	(c)	do	do	. 5	99. 5
3														
4								. 83	32⅛	(c)	Single	Single	. 3	99. 7
5	. 98	38⅜	(c)	Single	Single	. 4	99. 6	. 79	32⅞	(c)	do	do	1. 5	98. 5
6								. 88	31⅝	(c)	do	do	1. 8	98. 2
7								. 89	32⅛	(c)	do	do	. 3	99. 7
8								. 79	35⅛	(h)	do	do	. 2	99. 8
9														
10								1. 13	36⅞	(c)	Single	Single	5. 1	94. 9
11	. 69	36⅜	(i)	2-ply	2-ply	3. 2	96. 8	. 69	31⅝	(c)	do	do	4. 0	96. 0
12								. 89	32¾	(c)	do	do	3. 8	96. 2
13								1. 00	35⅝	(i)	do	do	. 6	99. 4
14								. 69	35	(d)	do	do	. 8	99. 2
15														

See footnote at end of table.

Table 1.—Cotton Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale*—Continued

Type of fabric, quality, and city number	First buying, fall 1944							Second buying, spring 1945						
	Price per yard	Width	Weave[1]	Yarn type		Fabric content		Price per yard	Width	Weave[1]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber				Warp	Filling	Sizing	Fiber
Gabardine—Con.														
Low:	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
1	0.59	35 1/4	(f)	Single	Single	2.9	97.1	0.68	32 5/8	(c)	Single	Single	0.6	99.4
2	.49	35 5/8	(b)	do	do	1.2	98.8	.98	32 5/8	(c)	do	do	.3	99.7
3														
4	1.25	38 3/8	(c)	Single	Single	.4	99.6							
5	.79	35 3/8	(b)	do	do	1.1	98.9							
6	.59	36 7/8	(c)	do	do	1.2	98.8							
7								.69	36 1/8	(e)	Single	Single	.5	99.5
8														
9														
10								.59	36 1/8	(b)	Single	Single	4.4	95.6
11	.69	34 7/8	(h)	Single	Single	1.2	98.8	.69	35 1/4	(f)	do	do	2.2	97.8
12	.49	36	(b)	do	do	2.0	98.0							
13														
14														
15														
Gingham:														
Best:														
1	.68	36 1/8	(a)	Single	Single	1.5	98.5	.58	35 3/8	(a)	Single	Single	2.6	97.4
2	.59	35 5/8	(a)	do	do	5.4	94.6	.79	35 7/8	(a)	do	do	3.0	97.0
3														
4	1.00	36	(a)	Single	Single	1.5	98.5							
5	.75	36 1/8	(a)	do	do	4.3	95.7							
6	.69	36 3/8	(a)	do	do	7.1	92.9							
7	.69	36	(a)	do	do	13.8	86.2	.59	36	(a)	Single	Single	5.2	94.8
8	.69	35 5/8	(a)	do	do	6.4	93.6							
9								.79	35 3/8	(a)	Single	Single	2.9	97.1
10	.79	35 7/8	(a)	Single	Single	3.7	96.3							
11								.69	36 5/8	(a)	Single	Single	2.4	97.6
12	.79	35 3/8	(a)	Single	Single	6.4	93.6							
13								.69	36 7/8	(a)	Single	Single	2.8	97.2
14								.69	35 3/8	(a)	do	do	1.3	98.7
15														
Medium:														
1	.58	35 5/8	(a)	Single	Single	17.0	83.0	.49	36 7/8	(a)	Single	Single	4.0	96.0
2														
3														
4	1.00	36 3/8	(a)	Single	Single	3.9	96.1							
5	.59	36 1/8	(a)	do	do	.7	99.3							
6														
7	.59	36 3/8	(a)	Single	Single	4.2	95.8	3.95	35 1/8	(j)	Single	Single	8.1	91.9
8	.49	32 1/4	(a)	do	do	11.5	88.5							
9														
10	.49	36	(a)	Single	Single	4.1	95.9							
11														
12														
13								.69	36 1/4	(a)	Single	Single	4.4	95.6
14														
15														
Low:														
1	.49	36 5/8	(a)	Single	Single	4.2	95.8	1.00	31 1/8	(a)	Single	Single	7.2	92.8
2														
3														
4	.29	32 3/8	(a)	Single	Single	8.4	91.6							
5	.59	36 7/8	(a)	do	do	1.4	98.6							
6														
7	4.95	36 1/8	(a)	Single	Single	5.5	94.5							
8	.39	34 5/8	(a)	do	do	4.1	95.9	1.45	32 1/8	(a)	Single	Single	1.4	98.6
9														
10														
11														
12														
13								.49	27 1/8	(a)	Single	Single	6.2	93.8
14														
15														

See footnote at end of table.

Table 1.—Cotton Fabrics: ***Price, width, weave, type of yarn, and content of fabric for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale*—Continued**

Type of fabric, quality, and city number	Third buying, fall 1945							Fourth buying, spring 1946						
	Price per yard	Width	Weave [1]	Yarn type		Fabric content		Price per yard	Width	Weave [1]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber				Warp	Filling	Sizing	Fiber
Gabardine—Con.														
Low:	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
1								0. 78	28⅝	(b)	Single--	Single--	2. 0	98. 0
2								. 83	32⅞	(c)	---do---	---do---	. 6	99. 4
3														
4								. 89	29	(c)	Single--	Single--	4. 4	95. 6
5								. 89	36⅞	(c)	---do---	---do---	2. 6	97. 4
6														
7								. 59	30⅞	(c)	Single--	Single--	3. 6	96. 4
8														
9														
10								. 88	32⅛	(c)	Single--	Single--	4. 4	95. 6
11	1. 00	36⅛	(c)	Single--	Single--	5. 8	94. 2	. 75	35	(c)	---do---	---do---	4. 0	96. 0
12								. 69	36	(b)	---do---	---do---	6. 6	93. 4
13														
14														
15														
Gingham:														
Best:														
1	. 70	35⅞	(a)	Single--	Single--	5. 9	94. 1	1. 02	35⅝	(a)	Single--	Single--	2. 1	97. 9
2	. 68	36	(a)	---do---	---do---	5. 1	94. 9							
3	. 65	35⅞	(a)	---do---	---do---	2. 9	97. 1							
4	. 79	35⅞	(a)	---do---	---do---	5. 2	94. 8	. 69	35⅞	(a)	Single--	Single--	1. 1	98. 9
5	. 59	36	(a)	---do---	---do---	. 8	99. 2	. 69	35⅝	(a)	---do---	---do---	2. 8	97. 2
6														
7	. 69	35⅝	(a)	Single--	Single--	8. 3	91. 7	. 69	34⅛	(a)	Single--	Single--	2. 1	97. 9
8								. 29	36⅞	(a)	---do---	---do---	3. 9	96. 1
9														
10	. 69	35⅛	(a)	Single--	Single--	2. 5	97. 5							
11								1. 59	37⅛	(a)	Single--	Single--	13. 4	86. 6
12	. 69	35⅛	(a)	Single--	Single--	4. 5	95. 5							
13	. 54	35	(a)	---do---	---do---	2. 8	97. 2							
14														
15														
Medium:														
1	1. 25	35⅞	(a)	Single--	Single--	1. 4	98. 6	. 68	35⅛	(a)	Single--	Single--	8. 0	92. 0
2	. 66	35⅞	(a)	---do---	---do---	2. 9	97. 1							
3														
4	. 55	35⅝	(a)	Single--	Single---	2. 9	97. 1	. 72	36⅝	(a)	Single--	Single--	3. 9	96. 1
5	. 49	36⅓	(a)	---do---	---do---	6. 7	93. 3							
6														
7	. 39	32⅛	(a)	Single--	Single--	5. 1	94. 9	. 44	35⅜	(a)	Single--	Single--	3. 9	96. 1
8								. 39	32⅜	(a)	---do---	---do---	6. 7	93. 3
9														
10	. 59	37	(a)	Single--	Single--	10. 8	89. 2							
11														
12														
13	. 59	35⅜	(a)	Single--	Single--	3. 0	97. 0							
14														
15														
Low:														
1	. 49	35⅝	(a)	Single--	Single--	3. 0	97. 0	. 58	34⅝	(a)	Single--	Single--	3. 1	96. 9
2	. 76	36⅛	(a)	---do---	---do---	4. 2	95. 8							
3														
4	. 55	36⅝	(a)	Single--	Single--	3. 0	97. 0							
5														
6														
7	. 49	36	(a)	Single--	Single--	1. 5	98. 5							
8														
9														
10														
11														
12														
13														
14														
15														

See footnote at end of table.

Table 1.—Cotton Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale*—Continued

Type of fabric, quality, and city number	First buying, fall 1944							Second buying, spring 1945						
	Price per yard	Width	Weave [1]	Yarn type		Fabric content		Price per yard	Width	Weave [1]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber				Warp	Filling	Sizing	Fiber
Percale:														
Best:	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
1	0. 85	35	(a)	Single	Single	1. 9	98. 1	0. 29	35⅝	(a)	2-ply	Single	6. 6	93. 4
2	. 35	35¼	(a)	do	do	4. 4	95. 6	. 39	37⅛	(a)	Single	do	8. 0	92. 0
3	. 29	36	(a)	do	do	6. 9	93. 1							
4	. 39	36⅞	(a)	do	do	. 3	99. 7							
5	. 37	35⅛	(a)	do	do	. 3	99. 7							
6	. 35	35⅞	(a)	do	do	1. 4	98. 6							
7	. 39	34⅞	(a)	do	do	2. 9	97. 1	. 35	34⅝	(a)	Single	Single	10. 1	89. 9
8	. 29	35⅝	(a)	do	do	7. 6	92. 4	. 49	35	(a)	do	do	. 7	99. 3
9	. 25	35⅛	(a)	do	do	. 5	99. 5	. 29	35⅝	(a)	do	do	5. 2	94. 8
10	. 29	35⅞	(a)	do	do	1. 0	99. 0	. 23	35⅛	(a)	do	do	3. 8	96. 2
11	. 69	32⅞	(a)	do	do	7. 6	92. 4							
12	. 25	36⅜	(a)	do	do	12. 3	87. 7	. 49	35⅛	(a)	Single	Single	1. 4	98. 6
13								. 25	35⅞	(a)	do	do	3. 9	96. 1
14								. 35	36	(a)	do	do	9. 4	90. 6
15														
Medium:														
1	. 59	35⅞	(a)	Single	Single	1. 9	98. 1	. 29	36	(a)	Single	Single	6. 4	93. 6
2	. 49	36	(a)	do	do	15. 5	84. 5	. 29	36	(a)	do	do	6. 8	93. 2
3														
4	. 39	35⅛	(a)	Single	Single	2. 5	97. 5							
5														
6														
7	. 69	41⅜	(a)	Single	Single	2. 1	97. 9	. 59	36	(a)	Single	Single	1. 2	98. 8
8	. 59	36⅜	(a)	do	do	10. 7	89. 3	. 33	35⅝	(a)	do	do	6. 1	93. 9
9	. 59	38⅛	(a)	do	do	2. 9	97. 1	. 69	35⅛	(a)	do	do	2. 6	97. 4
10	. 35	35⅝	(a)	do	do	5. 5	94. 5							
11														
12	. 59	35⅝	(a)	Single	Single	11. 6	88. 4	. 39	35⅝	(a)	Single	Single	5. 8	94. 2
13								. 19	35⅝	(a)	do	do	7. 5	92. 5
14								. 23	36⅛	(a)	do	do	14. 0	86. 0
15														
Low:														
1	. 39	30⅝	(a)	Single	Single	9. 0	91. 0	. 49	39⅛	(a)	Single	Single	2. 9	97. 1
2														
3														
4	. 29	34⅞	(a)	Single	Single	10. 7	89. 3							
5														
6														
7	1. 65	34	(a)	Single	Single	5. 1	94. 9	. 29	36	(a)	Single	Single	8. 3	91. 7
8	. 39	36	(a)	do	do	16. 1	83. 9	. 35	36⅛	(a)	do	do	4. 8	95. 2
9	. 29	36	(a)	do	do	18. 7	81. 3	. 39	38⅝	(a)	do	do	1. 8	98. 2
10	. 59	35⅞	(a)	do	do	1. 7	98. 3							
11														
12	. 32	36⅛	(a)	Single	Single	3. 4	96. 6	. 32	36	(a)	Single	Single	4. 4	95. 6
13														
14														
15														

See footnote at end of table.

Table 1.—Cotton Fabrics: ***Price, width, weave, type of yarn, and content of fabric for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale*—Continued**

Type of fabric, quality, and city number	Third buying, fall 1945							Fourth buying, spring 1946						
	Price per yard	Width	Weave[1]	Yarn type		Fabric content		Price per yard	Width	Weave[1]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber				Warp	Filling	Sizing	Fiber
Percale:														
Best:	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
1	0. 78	33⅝	(a)	Single--	Single--	10. 1	89. 9	0. 29	35¾	(a)	Single--	Single--	2. 3	97. 7
2														
3								. 30	35⅞	(a)	Single--	Single--	5. 8	94. 2
4	. 29	36⅜	(a)	Single--	Single--	3. 5	96. 5	. 71	35⅝	(a)	---do---	---do---	. 7	99. 3
5	. 39	35⅛	(a)	---do---	---do---	2. 0	98. 0	. 39	35⅝	(a)	---do---	---do---	7. 7	92. 3
6														
7	. 35	35⅝	(a)	Single--	Single--	2. 6	97. 4	. 35	35⅝	(a)	Single--	Single--	5. 2	94. 8
8	. 59	35⅛	(a)	---do---	---do---	1. 5	98. 5	. 39	36	(a)	---do---	---do---	3. 0	97. 0
9	. 29	37⅛	(a)	---do---	---do---	7. 7	92. 3	1. 00	35⅝	(a)	---do---	---do---	. 9	99. 1
10	. 35	35⅛	(a)	---do---	---do---	5. 4	94. 6	. 79	31⅞	(a)	---do---	---do---	10. 6	89. 4
11								. 35	35⅝	(a)	---do---	---do---	7. 2	92. 8
12	. 32	35⅞	(a)	Single--	Single--	6. 3	93. 7	. 29	38¼	(a)	---do---	---do---	11. 2	88. 8
13	. 23	35⅛	(a)	---do---	---do---	5. 1	94. 9	. 59	37⅝	(a)	---do---	---do---	4. 2	95. 8
14								. 35	35⅞	(a)	---do---	---do---	2. 4	97. 6
15														
Medium:														
1	. 50	40⅝	(a)	Single--	Single--	5. 3	94. 7	. 25	36	(a)	Single--	Single--	6. 1	93. 9
2														
3														
4	. 29	35⅛	(a)	Single--	Single--	4. 6	95. 4	. 31	35⅝	(a)	Single--	Single--	6. 5	93. 5
5	. 33	36	(a)	---do---	---do---	4. 7	95. 3	. 26	35⅜	(a)	---do---	---do---	8. 3	91. 7
6														
7	. 44	35⅛	(a)	Single--	Single--	7. 9	92. 1	. 32	35⅞	(a)	Single--	Single--	7. 1	92. 9
8	. 55	35⅞	(a)	---do---	---do---	1. 9	98. 1	. 31	36⅛	(a)	---do---	---do---	8. 1	91. 9
9								. 59	35⅝	(a)	---do---	---do---	3. 1	96. 9
10														
11														
12														
13	. 39	36	(a)	Single--	Single--	8. 5	91. 5	. 35	35⅞	(a)	Single--	Single--	5. 1	94. 9
14														
15														
Low:														
1	. 25	35⅝	(a)	Single--	Single--	5. 0	95. 0							
2														
3														
4	. 29	35⅛	(a)	Single--	Single--	6. 2	93. 8	. 29	36⅞	(a)	Single--	Single--	9. 8	90. 2
5														
6														
7	. 29	36	(a)	Single--	Single--	7. 4	92. 6	. 39	36⅞	(a)	Single--	Single--	16. 6	83. 4
8	. 28	36⅜	(a)	---do---	---do---	7. 7	92. 3	. 29	35⅝	(a)	---do---	---do---	3. 3	96. 7
9								. 35	36⅝	(a)	---do---	---do---	5. 0	95. 0
10														
11														
12														
13														
14														
15														

[1] Description of weaves: (a), plain; (b), twill $\frac{2}{1}$; (c), twill $\frac{3}{1}$; (d), twill $\frac{1}{4}$; (e), twill $\frac{5\ 2}{2\ 2}$; (f), twill $\frac{2}{2}$; (g), twill $\frac{5\ 1\ 1}{1\ 2\ 1}$; (h), twill $\frac{1}{2}$; (i), twill $\frac{4}{1}$; (j), basket.

Table 2.—Cotton Fabrics: ***Summary of price data for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale***

Type of fabric, buying period, and quality	Number of fabrics	Price per linear yard		
		Mean	Standard deviation	Range
Broadcloth:				
Fall 1944:		*Dollars*	*Dollars*	*Dollars*
Best	10	0. 972	0. 394	0. 25–1. 49
Medium	4	. 765	. 126	. 59– . 89
Low	4	. 615	. 150	. 49– . 79
Spring 1945:				
Best	8	. 870	. 267	. 49–1. 25
Medium	2	. 795	. 290	. 59–1. 00
Low	------	------	------	----------
Fall 1945:				
Best	8	. 775	. 352	. 29–1. 45
Medium	5	. 616	. 208	. 39– . 79
Low	1	. 49	------	----------
Spring 1946:				
Best	6	. 858	. 258	. 49–1. 24
Medium	2	. 820	. 099	. 75– . 89
Low	2	. 990	. 566	. 59–1. 39
Total:				
Best	32	. 876	. 325	. 25–1. 49
Medium	13	. 721	. 184	. 39–1. 00
Low	7	. 704	. 324	. 49–1. 39
Chambray:				
Fall 1944:				
Best	11	. 728	. 144	. 50–1. 00
Medium	10	. 580	. 137	. 39– . 79
Low	5	. 482	. 171	. 25– . 69
Spring 1945:				
Best	9	. 661	. 198	. 35– . 98
Medium	3	. 490	. 141	. 29– . 59
Low	2	. 320	. 099	. 25– . 39
Fall 1945:				
Best	8	. 786	. 178	. 49–1. 00
Medium	5	. 650	. 223	. 39–1. 00
Low	3	. 553	. 055	. 49– . 59
Spring 1946:				
Best	7	. 797	. 141	. 65–1. 00
Medium	3	. 733	. 121	. 64– . 87
Low	2	. 740	. 071	. 69– . 79
Total:				
Best	35	. 738	. 168	. 35–1. 00
Medium	21	. 606	. 168	. 29–1. 00
Low	12	. 516	. 172	. 25– . 79
Gabardine:				
Fall 1944:				
Best	11	. 905	. 269	. 22–1. 25
Medium	10	. 831	. 136	. 59–1. 00
Low	7	. 698	. 266	. 49–1. 25
Spring 1945:				
Best	11	1. 061	. 258	. 79–1. 59
Medium	8	. 840	. 131	. 59–1. 00
Low	5	. 726	. 148	. 59–1. 00
Fall 1945:				
Best	9	. 927	. 212	. 49–1. 19
Medium	4	. 752	. 211	. 49– . 98
Low	1	1. 00	------	----------
Gabardine—Continued				
Spring 1946:		*Dollars*	*Dollars*	*Dollars*
Best	14	1. 022	0. 251	0. 49–1. 39
Medium	12	. 872	. 128	. 69–1. 13
Low	8	. 788	. 108	. 59– . 89
Total:				
Best	45	. 984	. 250	. 22–1. 59
Medium	34	. 838	. 140	. 49–1. 13
Low	21	. 753	. 185	. 49–1. 25
Gingham:				
Fall 1944:				
Best	9	. 741	. 115	. 59–1. 00
Medium	6	. 623	. 190	. 49–1. 00
Low	5	1. 342	2. 020	. 29–4. 95
Spring 1945:				
Best	7	. 689	. 084	. 58– . 79
Medium	3	1. 710	1. 942	. 49–3. 95
Low	3	. 980	. 480	. 49–1. 45
Fall 1945:				
Best	9	. 669	. 071	. 54– . 79
Medium	7	. 646	. 280	. 39–1. 25
Low	4	. 572	. 128	. 49– . 76
Spring 1946:				
Best	6	. 828	. 439	. 29–1. 59
Medium	4	. 558	. 167	. 39– . 72
Low	1	. 580	------	----------
Total:				
Best	31	. 725	. 205	. 29–1. 59
Medium	20	. 781	. 773	. 39–3. 95
Low	13	. 963	1. 235	. 29–4. 95
Percale:				
Fall 1944:				
Best	12	. 397	. 184	. 25– . 85
Medium	8	. 535	. 116	. 35– . 69
Low	7	. 560	. 492	. 29–1. 65
Spring 1945:				
Best	9	. 348	. 095	. 23– . 49
Medium	8	. 375	. 176	. 19– . 69
Low	5	. 368	. 078	. 29– . 49
Fall 1945:				
Best	9	. 399	. 175	. 23– . 78
Medium	8	. 312	. 210	. 29– . 55
Low	4	. 370	. 020	. 25– . 29
Spring 1946:				
Best	12	. 483	. 234	. 29–1. 00
Medium	7	. 341	. 115	. 25– . 59
Low	4	. 330	. 049	. 29– . 39
Total:				
Best	42	. 411	. 185	. 23–1. 00
Medium	29	. 420	. 147	. 19– . 69
Low	20	. 410	. 303	. 25–1. 65

Table 3.—Cotton Fabrics: ***Summary of weight-per-square-yard and yarns-per-inch data for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale***

Type of fabric, buying period, and quality	Number of fabrics	Weight per square yard			Yarns per inch					
					Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
Broadcloth:										
Fall 1944:		*Ounces*	*Ounces*	*Ounces*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
Best	10	3. 78	0. 54	3. 3– 4. 9	108. 1	27. 6	76–153	68. 0	11. 2	56– 84
Medium	4	3. 50	. 38	3. 2– 4. 0	121. 0	25. 2	87–146	73. 0	13. 5	58– 90
Low	4	3. 02	. 36	2. 5– 3. 3	95. 0	18. 1	68–105	56. 5	2. 1	54– 59
Spring 1945:										
Best	8	3. 65	. 37	3. 2– 4. 3	102. 4	24. 2	67–136	77. 4	19. 6	54– 98
Medium	2	3. 15	. 64	2. 7– 3. 6	82. 0	7. 1	77– 87	87. 5	16. 3	76– 99
Low										
Fall 1945:										
Best	8	4. 19	. 84	3. 1– 5. 9	107. 5	17. 0	90–138	69. 8	21. 0	40–105
Medium	5	3. 40	. 63	2. 5– 4. 0	101. 4	24. 6	69–136	58. 2	13. 9	42– 80
Low	1	3. 40			120			59		
Spring 1946:										
Best	6	3. 35	. 24	2. 9– 3. 6	111. 0	14. 7	104–141	84. 2	19. 2	58– 99
Medium	2	3. 25	. 35	3. 0– 3. 5	124. 0	25. 5	106–142	77. 5	23. 3	61– 94
Low	2	4. 40	2. 12	2. 9– 5. 9	105. 5	36. 1	80–131	58. 5	7. 8	53– 64
Total:										
Best	32	3. 77	. 61	2. 9– 5. 9	107. 1	21. 5	67–153	73. 8	17. 9	40–105
Medium	13	3. 37	. 48	2. 5– 4. 0	107. 9	25. 5	69–146	70. 2	17. 3	42– 99
Low	7	3. 47	1. 11	2. 5– 5. 9	101. 6	21. 7	68–131	57. 4	3. 8	53– 64
Chambray:										
Fall 1944:										
Best	11	3. 59	. 55	2. 6– 4. 4	85. 6	8. 2	68–103	66. 5	12. 3	41– 90
Medium	10	3. 64	. 55	2. 7– 4. 7	74. 0	9. 1	64– 89	50. 0	7. 7	39– 59
Low	5	3. 80	. 60	2. 8– 4. 4	66. 2	4. 9	58– 71	48. 6	6. 4	41– 58
Spring 1945:										
Best	9	3. 67	. 49	2. 7– 4. 3	79. 8	10. 2	58– 87	63. 7	7. 9	51– 74
Medium	3	3. 37	. 67	2. 8– 4. 1	75. 7	12. 9	65– 90	54. 7	5. 8	48– 58
Low	2	4. 15	. 50	3. 8– 4. 5	70. 0	0	70– 70	49. 5	5. 0	46– 53
Fall 1945:										
Best	8	3. 24	. 49	2. 9– 4. 3	92. 5	8. 5	85–106	77. 2	12. 3	58– 94
Medium	5	3. 48	. 31	3. 0– 3. 8	93. 2	10. 9	83–106	69. 4	13. 3	58– 92
Low	3	4. 43	. 58	4. 1– 5. 1	78. 0	13. 0	70– 93	53. 0	8. 0	45– 61
Spring 1946:										
Best	7	3. 66	. 92	2. 9– 5. 2	81. 0	15. 1	57–103	69. 0	14. 9	46– 93
Medium	3	3. 67	. 51	3. 1– 4. 1	85. 0	16. 1	70–102	68. 0	23. 6	51– 95
Low	2	3. 40	. 28	3. 2– 3. 6	94. 5	12. 0	86–103	79. 5	21. 9	64– 95
Total:										
Best	35	3. 54	. 61	2. 6– 5. 2	84. 8	11. 1	57–106	68. 7	12. 4	41– 94
Medium	21	3. 57	. 49	2. 7– 4. 7	80. 4	13. 1	64–106	57. 8	14. 2	39– 95
Low	12	3. 95	. 60	2. 8– 5. 1	74. 5	12. 8	58–103	55. 0	14. 4	41– 95
Gabardine:										
Fall 1944:										
Best	11	6. 12	1. 66	2. 2– 7. 9	105. 6	14. 5	70–115	55. 4	1. 0	54– 57
Medium	10	5. 89	1. 35	3. 6– 7. 9	100. 6	22. 3	58–120	56. 9	6. 9	44– 72
Low	7	5. 46	1. 22	4. 0– 7. 1	92. 7	16. 5	76–116	52. 6	11. 8	40– 77
Spring 1945:										
Best	11	6. 04	1. 02	4. 9– 7. 9	104. 4	15. 1	79–118	68. 2	29. 4	51–129
Medium	8	6. 68	. 96	4. 8– 7. 6	95. 9	21. 7	70–134	53. 6	7. 5	41– 65
Low	5	6. 18	1. 47	4. 3– 7. 5	100. 8	46. 4	77–118	60. 2	6. 8	55– 72
Fall 1945:										
Best	9	7. 11	1. 61	5. 1–10. 5	101. 2	16. 8	76–123	65. 7	2. 4	45–128
Medium	4	7. 30	2. 99	4. 6–11. 3	106. 0	2. 2	104–109	59. 0	7. 7	52– 70
Low	1	8. 3			98			54		
Spring 1946:										
Best	14	7. 68	1. 09	4. 9– 9. 7	100. 6	11. 4	78–115	60. 4	21. 2	40–132
Medium	12	7. 51	2. 07	4. 5–11. 3	96. 7	12. 0	75–107	68. 9	30. 6	52–135
Low	8	8. 88	1. 78	7. 2–12. 2	91. 6	10. 5	73–106	50. 2	7. 5	38– 58
Total:										
Best	45	6. 79	1. 49	2. 2–10. 5	102. 9	13. 9	70–123	62. 1	21. 5	40–132
Medium	34	6. 81	1. 84	3. 6–11. 5	98. 7	17. 2	58–134	60. 6	19. 6	41–135
Low	21	7. 07	2. 11	4. 0–12. 2	94. 5	23. 8	73–118	53. 6	9. 3	38– 77

Table 3.—Cotton Fabrics: *Summary of weight-per-square-yard and yarns-per-inch data for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale*—Continued

Type of fabric, buying period, and quality	Number of fabrics	Weight per square yard			Yarns per inch					
					Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
Gingham:		*Ounces*	*Ounces*	*Ounces*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
Fall 1944:										
Best	9	3. 31	0. 57	2. 5– 4. 3	84. 3	15. 6	65–120	63. 4	7. 1	54– 73
Medium	6	3. 07	. 38	2. 6– 3. 6	69. 3	6. 7	64– 80	54. 2	2. 1	52– 58
Low	5	3. 46	1. 30	2. 4– 5. 7	63. 4	5. 4	55– 68	51. 4	5. 6	45– 59
Spring 1945:										
Best	7	3. 11	. 25	2. 8– 3. 4	83. 6	5. 9	73– 91	67. 3	6. 3	56– 74
Medium	3	4. 03	1. 36	3. 1– 5. 6	73. 0	10. 0	63– 83	49. 7	4. 0	45– 52
Low	3	4. 00	. 92	3. 2– 5. 0	38. 0	13. 2	23– 48	39. 0	1. 7	38– 41
Fall 1945:										
Best	9	3. 18	. 48	2. 6– 4. 0	85. 4	3. 8	80– 91	70. 3	5. 4	64– 77
Medium	7	3. 70	. 93	3. 1– 5. 7	74. 1	13. 5	52– 89	58. 1	12. 1	39– 71
Low	4	3. 52	1. 10	2. 3– 4. 6	68. 5	3. 9	64– 73	51. 0	4. 3	45– 55
Spring 1946:										
Best	6	3. 57	1. 01	2. 9– 5. 6	77. 0	16. 4	61–105	53. 7	6. 8	45– 63
Medium	4	3. 40	. 77	2. 6– 4. 2	68. 0	14. 2	55– 88	53. 2	10. 7	45– 69
Low	1	3. 6	------	----------	62	------	--------	50	------	--------
Total:										
Best	31	3. 28	. 60	2. 5– 5. 6	83. 1	11. 4	61–120	64. 4	8. 5	45– 77
Medium	20	3. 50	. 85	2. 6– 5. 7	71. 3	10. 9	52– 89	54. 7	8. 8	39– 71
Low	13	3. 62	1. 03	2. 3– 5. 7	59. 0	13. 8	23– 73	48. 3	6. 6	38– 59
Percale:										
Fall 1944:										
Best	12	3. 17	. 42	2. 6– 3. 8	78. 8	12. 9	45– 89	65. 2	12. 2	36– 77
Medium	8	3. 34	. 91	2. 3– 5. 2	66. 2	8. 8	49– 75	54. 1	10. 6	38– 67
Low	7	2. 94	. 56	2. 4– 4. 0	59. 9	10. 0	40– 68	47. 6	5. 3	40– 55
Spring 1945:										
Best	9	3. 16	. 42	2. 6– 3. 9	80. 2	11. 8	67–105	64. 6	7. 9	57– 80
Medium	8	3. 16	. 86	2. 4– 4. 7	68. 2	7. 9	52– 75	55. 4	9. 0	37– 66
Low	5	3. 10	. 31	2. 9– 3. 6	68. 0	5. 6	61– 74	57. 4	5. 3	51– 63
Fall 1945:										
Best	9	2. 98	. 50	2. 0– 3. 7	75. 8	8. 9	59– 88	61. 7	9. 4	44– 75
Medium	6	2. 65	. 14	2. 4– 2. 8	72. 0	4. 9	63– 77	57. 8	6. 4	46– 64
Low	4	2. 30	. 24	2. 0– 2. 6	65. 5	3. 7	61– 69	52. 5	4. 5	46– 56
Spring 1946:										
Best	12	3. 05	. 56	2. 0– 4. 3	77. 8	14. 4	49–105	66. 8	15. 6	38– 96
Medium	7	2. 77	. 37	2. 4– 3. 4	69. 7	2. 6	68– 74	58. 4	5. 1	50– 65
Low	4	2. 58	. 05	2. 5– 2. 6	71. 0	3. 6	68– 75	57. 8	3. 7	53– 62
Total:										
Best	42	3. 09	. 47	2. 0– 4. 3	78. 2	12. 0	45–105	64. 8	11. 7	36– 96
Medium	29	3. 01	. 71	2. 3– 5. 2	68. 8	6. 7	49– 77	56. 3	8. 0	37– 67
Low	20	2. 78	. 47	2. 0– 4. 0	65. 2	7. 9	40– 75	53. 0	6. 4	40– 63

Table 4.—Cotton Fabrics: *Summary of breaking-strength data for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale*

Type of fabric, buying period, and quality	Number of fabrics	Breaking strength											
		Dry						Wet					
		Warp			Filling			Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
Broadcloth:		*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
Fall 1944:													
Best	10	64. 78	21. 80	39. 3–114. 7	35. 83	22. 08	10. 0– 78. 1	77. 27	17. 96	57. 0–114. 2	43. 60	24. 02	23. 7– 86. 2
Medium	4	54. 40	4. 27	49. 0– 59. 1	28. 88	8. 76	20. 2– 41. 0	65. 80	8. 70	54. 2– 75. 3	36. 12	7. 71	29. 9– 47. 3
Low	4	46. 00	12. 10	33. 7– 62. 5	20. 02	1. 96	18. 5– 22. 7	53. 12	13. 45	39. 2– 71. 0	24. 62	1. 53	23. 5– 26. 8
Spring 1945:													
Best	8	36. 80	13. 26	16. 6– 58. 4	27. 82	12. 53	10. 8– 51. 4	53. 48	14. 44	32. 0– 77. 1	37. 80	13. 55	15. 6– 59. 9
Medium	2	23. 00	14. 71	12. 6– 33. 4	19. 20	5. 09	15. 6– 22. 8	32. 75	25. 24	14. 9– 50. 6	30. 55	1. 20	29. 7– 31. 4
Low													
Fall 1945:													
Best	8	61. 76	15. 71	38. 5– 86. 1	45. 65	20. 79	20. 0– 78. 9	68. 36	16. 75	38. 0– 91. 8	51. 81	22. 87	22. 6– 84. 8
Medium	5	59. 04	20. 86	24. 4– 75. 9	31. 02	24. 41	13. 6– 74. 0	62. 66	17. 60	32. 7– 78. 6	32. 26	22. 00	15. 5– 70. 6
Low	1	62. 5			22. 8			73. 5			27. 9		
Spring 1946:													
Best	6	36. 27	6. 23	29. 9– 46. 6	25. 92	11. 78	12. 1– 44. 0	53. 30	10. 56	43. 9– 70. 4	34. 53	9. 95	21. 8– 50. 6
Medium	2	40. 90	1. 98	39. 5– 42. 3	21. 10	8. 91	14. 8– 27. 4	64. 35	14. 50	54. 1– 74. 6	34. 60	4. 67	31. 3– 37. 9
Low	2	61. 40	44. 97	29. 6– 93. 2	20. 85	15. 77	9. 7– 32. 0	101. 85	74. 88	48. 9–154. 8	34. 80	13. 15	25. 5– 44. 1
Total:													
Best	32	51. 68	20. 60	16. 6–114. 7	34. 42	18. 85	10. 0– 78. 9	64. 60	18. 28	32. 0–114. 2	42. 50	19. 59	15. 6– 86. 2
Medium	13	49. 28	18. 52	12. 6– 75. 9	27. 02	15. 83	13. 6– 74. 0	59. 28	18. 26	14. 9– 78. 6	33. 55	13. 52	15. 5– 70. 6
Low	7	52. 76	21. 94	29. 6– 93. 2	20. 66	6. 66	9. 7– 32. 0	69. 96	39. 43	39. 2–154. 8	28. 00	7. 28	23. 5– 44. 1
Chambray:													
Fall 1944:													
Best	11	43. 88	8. 80	30. 6– 61. 7	32. 61	7. 49	23. 2– 51. 0	54. 70	12. 39	33. 4– 75. 5	40. 31	9. 99	26. 8– 65. 0
Medium	10	47. 37	8. 12	34. 3– 57. 1	28. 59	4. 76	22. 5– 36. 8	57. 73	9. 39	39. 5– 66. 9	33. 27	9. 84	11. 5– 43. 9
Low	5	42. 16	11. 10	27. 0– 56. 7	23. 66	4. 55	16. 3– 28. 8	51. 12	9. 45	42. 7– 67. 1	32. 38	1. 61	30. 6– 35. 0
Spring 1945:													
Best	9	40. 40	15. 17	15. 5– 63. 3	27. 23	8. 30	14. 6– 35. 7	51. 71	11. 83	37. 7– 72. 0	35. 78	5. 26	28. 6– 43. 8
Medium	3	43. 60	17. 52	27. 4– 62. 2	24. 67	7. 10	17. 0– 31. 0	55. 27	12. 44	43. 8– 68. 5	31. 27	5. 27	26. 3– 36. 8
Low	2	46. 45	9. 69	39. 6– 53. 3	31. 90	3. 82	29. 2– 34. 6	59. 35	4. 31	56. 3– 62. 4	34. 20	7. 78	28. 7– 39. 7
Fall 1945:													
Best	8	39. 19	7. 07	25. 4– 48. 6	32. 41	7. 90	19. 8– 45. 7	50. 20	7. 82	41. 0– 64. 6	40. 19	7. 52	29. 4– 54. 4
Medium	5	47. 64	7. 22	39. 3– 56. 0	31. 08	7. 62	22. 8– 39. 0	57. 60	9. 99	45. 0– 72. 0	36. 82	8. 79	24. 4– 45. 6
Low	3	54. 23	3. 72	50. 0– 57. 0	32. 53	4. 11	28. 3– 36. 5	60. 27	4. 07	56. 7– 64. 7	29. 43	12. 47	16. 1– 40. 8
Spring 1946:													
Best	7	38. 67	4. 77	34. 0– 47. 6	33. 30	4. 96	25. 2– 40. 1	49. 88	10. 43	34. 1– 65. 0	38. 64	6. 39	31. 1– 47. 1
Medium	3	33. 70	1. 90	32. 1– 35. 8	29. 00	4. 35	24. 7– 33. 4	49. 50	5. 04	31. 6– 62. 1	41. 33	7. 42	34. 8– 49. 4
Low	2	36. 30	4. 10	33. 4– 39. 2	33. 10	6. 93	28. 2– 38. 0	49. 70	11. 74	41. 4– 58. 0	43. 70	. 42	43. 4– 44. 0
Total:													
Best	35	40. 87	9. 79	18. 5– 63. 3	31. 32	7. 48	14. 6– 51. 0	51. 94	10. 67	33. 4– 75. 5	38. 78	7. 64	26. 8– 65. 0
Medium	21	44. 94	9. 76	27. 4– 62. 2	28. 68	5. 71	17. 0– 39. 0	56. 17	10. 44	31. 6– 72. 0	34. 98	8. 87	11. 5– 49. 4
Low	12	44. 92	9. 92	27. 0– 57. 0	28. 82	6. 10	16. 3– 38. 0	54. 54	8. 51	41. 4– 67. 1	33. 83	7. 66	16. 1– 44. 0

Table 4.—Cotton Fabrics: ***Summary of breaking-strength data for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale*—Continued**

Type of fabric, buying period, and quality	Number of fabrics	Breaking strength											
		Dry						Wet					
		Warp			Filling			Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
Gabardine:													
Fall 1944:		*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
Best	11	105. 81	30. 27	36. 7–152. 2	53. 77	23. 33	14. 3– 87. 0	123. 94	33. 98	34. 5–171. 9	65. 82	36. 42	14. 5–140. 0
Medium	10	94. 21	18. 52	64. 4–116. 1	47. 00	18. 97	26. 7– 82. 9	113. 43	23. 03	82. 3–142. 2	64. 10	36. 15	29. 0–135. 7
Low	7	85. 70	24. 87	46. 6–113. 1	44. 66	14. 51	27. 6– 69. 8	103. 17	28. 20	65. 5–134. 5	53. 06	20. 77	30. 4– 88. 7
Spring 1945:													
Best	11	75. 95	35. 86	29. 5–142. 9	47. 07	13. 20	29. 0– 73. 7	98. 75	44. 25	45. 2–186. 3	58. 92	17. 03	41. 0– 97. 2
Medium	8	85. 74	34. 34	40. 8–137. 4	57. 35	22. 67	31. 5– 96. 8	92. 58	41. 89	37. 7–152. 2	60. 51	30. 33	23. 2–102. 5
Low	5	95. 74	38. 55	64. 2–138. 6	53. 18	26. 01	26. 4– 85. 9	114. 76	33. 17	79. 4–156. 1	57. 34	24. 66	32. 3– 94. 5
Fall 1945:													
Best	9	107. 69	31. 00	62. 4–154. 4	61. 27	20. 82	39. 9– 94. 4	127. 67	30. 99	73. 8–172. 5	67. 30	22. 49	48. 2–100. 9
Medium	4	119. 98	31. 17	76. 6–148. 7	80. 35	45. 73	40. 9–131. 7	138. 35	38. 29	82. 9–165. 2	90. 88	47. 81	46. 7–153. 6
Low	1	101. 9	-------	----------	87. 2	-------	----------	108. 4	-------	----------	94. 7	-------	----------
Spring 1946:													
Best	14	98. 92	27. 85	53. 2–145. 3	72. 11	16. 04	41. 4–105. 5	125. 09	27. 07	65. 4–170. 1	87. 73	18. 67	51. 7–118. 2
Medium	12	102. 88	44. 41	37. 6–156. 1	72. 34	29. 09	28. 5–121. 9	121. 22	39. 05	50. 8–167. 3	80. 83	20. 35	46. 7–108. 0
Low	8	114. 84	27. 56	85. 2–155. 9	72. 32	23. 33	36. 7–106. 2	141. 30	31. 82	91. 4–177. 2	83. 74	29. 34	49. 8–122. 4
Total:													
Best	45	96. 74	32. 54	29. 5–154. 4	59. 34	20. 40	14. 3–105. 5	118. 89	35. 13	34. 5–186. 3	71. 24	26. 41	14. 5–140. 0
Medium	34	98. 30	34. 60	37. 6–156. 1	62. 30	28. 85	26. 7–131. 7	114. 20	30. 88	37. 7–167. 3	72. 31	31. 93	23. 2–153. 6
Low	21	99. 96	30. 21	46. 6–155. 9	59. 25	24. 09	26. 4–106. 2	120. 70	33. 26	65. 5–177. 2	67. 75	28. 17	30. 4–122. 4
Gingham:													
Fall 1944:													
Best	9	41. 39	6. 64	33. 9– 51. 7	29. 66	2. 55	26. 3– 33. 0	50. 22	9. 67	34. 7– 65. 7	35. 47	4. 24	30. 4– 43. 4
Medium	6	35. 50	4. 90	28. 4– 41. 1	22. 92	4. 19	19. 1– 30. 5	41. 15	7. 34	32. 4– 53. 5	27. 52	4. 55	20. 9– 33. 9
Low	5	35. 00	2. 84	30. 9– 37. 7	27. 16	7. 92	21. 5– 41. 1	41. 62	2. 31	38. 0– 43. 8	38. 00	11. 34	29. 1– 54. 2
Spring 1945:													
Best	7	28. 04	10. 43	17. 3– 42. 2	23. 91	7. 44	16. 5– 36. 6	43. 64	11. 18	27. 4– 55. 3	33. 04	6. 75	24. 3– 43. 2
Medium	3	36. 67	7. 00	28. 9– 42. 5	27. 10	5. 20	21. 9– 32. 3	42. 93	3. 62	39. 1– 46. 3	27. 00	9. 81	19. 5– 38. 1
Low	3	30. 37	5. 39	25. 4– 36. 1	31. 73	4. 63	26. 6– 35. 6	40. 90	6. 41	33. 6– 45. 6	45. 17	13. 68	32. 0– 59. 3
Fall 1945:													
Best	9	35. 67	7. 20	23. 6– 46. 0	30. 34	4. 69	19. 9– 35. 5	44. 80	9. 31	33. 9– 56. 8	34. 21	3. 94	30. 6– 41. 5
Medium	7	38. 94	10. 83	22. 7– 53. 8	29. 93	6. 21	24. 2– 42. 4	47. 63	13. 59	26. 8– 69. 4	36. 67	6. 85	28. 2– 48. 6
Low	4	42. 60	15. 40	21. 6– 56. 9	29. 60	9. 69	17. 4– 41. 1	50. 15	16. 49	27. 4– 62. 8	32. 15	14. 97	12. 8– 49. 2
Spring 1946:													
Best	6	40. 88	11. 88	24. 6– 50. 6	26. 70	9. 32	15. 2– 39. 8	50. 17	8. 65	37. 6– 60. 0	32. 30	7. 72	25. 1– 45. 8
Medium	4	40. 62	16. 62	21. 4– 60. 1	28. 35	14. 98	13. 4– 47. 0	51. 20	15. 24	34. 8– 68. 6	34. 52	13. 35	23. 3– 53. 2
Low	1	39. 5	-------	----------	31. 6	-------	----------	36. 0	-------	----------	27. 9	-------	----------
Total:													
Best	31	36. 62	9. 94	17. 3– 51. 7	27. 99	6. 31	15. 2– 39. 8	47. 15	9. 73	27. 4– 65. 7	33. 94	5. 43	24. 3– 45. 8
Medium	20	37. 90	9. 80	21. 4– 60. 1	27. 08	7. 99	13. 4– 47. 0	45. 70	11. 23	26. 8– 69. 4	32. 04	8. 84	19. 5– 53. 2
Low	13	36. 62	9. 50	21. 6– 56. 9	29. 31	7. 20	17. 4– 41. 1	43. 65	9. 96	27. 4– 62. 8	37. 08	12. 72	12. 8– 59. 3

Percale:													
Fall 1944:													
Best	12	39. 22	7. 56	27. 2– 48. 5	22. 77	4. 73	16. 3– 31. 0	46. 42	4. 34	37. 6– 52. 6	25. 88	4. 70	17. 1– 33. 0
Medium	8	38. 19	10. 49	22. 5– 48. 0	19. 71	6. 66	12. 2– 32. 4	44. 01	13. 72	23. 0– 65. 6	26. 91	12. 07	16. 2– 53. 7
Low	7	33. 10	6. 74	25. 8– 45. 7	19. 31	8. 80	11. 3– 33. 9	34. 30	7. 28	23. 3– 43. 4	20. 04	9. 07	10. 0– 33. 7
Spring 1945:													
Best	9	33. 16	8. 77	21. 8– 46. 8	19. 26	4. 27	14. 0– 25. 9	40. 01	7. 63	28. 1– 49. 6	24. 36	3. 72	19. 5– 30. 7
Medium	8	30. 88	8. 20	21. 0– 44. 6	19. 60	5. 93	14. 0– 31. 6	43. 99	8. 87	35. 8– 64. 0	26. 12	12. 80	15. 6– 56. 0
Low	5	27. 70	8. 38	18. 4– 38. 6	20. 44	10. 90	11. 5– 38. 7	40. 68	1. 23	39. 1– 41. 7	27. 02	9. 64	15. 8– 42. 4
Fall 1945:													
Best	9	37. 41	8. 44	22. 6– 47. 2	21. 10	5. 52	13. 8– 31. 4	42. 48	6. 38	34. 3– 54. 0	23. 41	6. 32	13. 2– 35. 4
Medium	6	37. 12	7. 00	24. 0– 44. 2	18. 88	2. 40	14. 6– 21. 0	41. 02	4. 53	33. 5– 46. 2	21. 32	3. 34	16. 4– 24. 6
Low	4	38. 80	2. 70	34. 8– 40. 6	18. 12	2. 87	15. 0– 21. 2	39. 52	4. 50	36. 6– 46. 2	18. 00	4. 82	13. 3– 22. 5
Spring 1946:													
Best	12	34. 82	6. 99	22. 1– 44. 0	20. 64	5. 34	11. 4– 31. 3	40. 41	5. 98	32. 2– 46. 2	23. 59	6. 22	15. 4– 36. 6
Medium	7	37. 24	5. 92	30. 6– 45. 8	18. 50	4. 15	10. 8– 23. 1	42. 03	3. 69	35. 0– 46. 9	22. 63	3. 74	16. 4– 28. 0
Low	4	35. 72	10. 14	26. 2– 46. 8	16. 10	6. 85	9. 8– 25. 8	44. 18	1. 82	42. 2– 46. 6	21. 48	1. 85	13. 8– 26. 6
Total:													
Best	42	36. 27	7. 93	21. 8– 48. 5	21. 05	4. 98	11. 4– 31. 4	42. 48	6. 41	28. 1– 54. 0	24. 37	5. 28	13. 2– 36. 6
Medium	29	35. 72	8. 37	21. 0– 48. 0	19. 22	4. 98	10. 8– 32. 4	42. 91	8. 66	23. 0– 65. 6	24. 50	9. 37	15. 6– 56. 0
Low	20	33. 42	7. 90	18. 4– 46. 8	18. 72	7. 78	9. 8– 38. 7	38. 92	5. 95	23. 3– 46. 6	21. 66	8. 12	10. 0– 42. 4

Table 5.—Cotton Fabrics: *Summary of dimensional change*[1] *in washing for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale*

Type of fabric, buying period, and quality	Number of fabrics	Washing					
		Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range
Broadcloth:							
Fall 1944:		*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Best	10	2. 05	2. 91	+1– 6	+0. 02	1. 81	+3– 3
Medium	4	2. 02	2. 10	0– 5	. 22	2. 52	+2– 4
Low	4	4. 58	3. 30	0– 8	. 92	1. 26	+1– 2
Spring 1945:							
Best	8	1. 51	2. 31	+1– 5	2. 45	2. 66	0– 7
Medium	2	3. 65	2. 76	2– 6	1. 40	1. 13	1– 2
Low							
Fall 1945:							
Best	8	3. 08	3. 71	0– 8	. 31	2. 49	+3– 5
Medium	5	6. 74	6. 30	1–17	3. 86	4. 05	0–11
Low	1	3. 9			. 6		
Spring 1946:							
Best	6	. 22	1. 88	+2– 3	1. 35	. 78	0– 2
Medium	2	1. 15	. 50	1– 2	+. 60	1. 13	+1– 0
Low	2	3. 55	1. 48	2– 5	. 05	. 21	0– 0
Total:							
Best	32	1. 83	2. 88	+2– 8	. 94	2. 25	+3– 7
Medium	13	3. 95	4. 56	0–17	1. 68	3. 29	+2–11
Low	7	4. 18	2. 46	0– 8	. 63	. 98	+1– 2
Chambray:							
Fall 1944:							
Best	11	5. 74	3. 92	0–10	3. 04	2. 98	0–10
Medium	10	9. 38	2. 93	2–12	3. 61	1. 46	1– 7
Low	5	9. 34	3. 12	6–14	2. 74	1. 04	1– 4
Spring 1945:							
Best	9	4. 50	3. 66	0–10	3. 71	3. 41	0– 9
Medium	3	5. 77	3. 26	2– 8	7. 70	3. 94	3–11
Low	2	5. 40	6. 50	1–10	. 95	1. 06	0– 2
Fall 1945:							
Best	8	1. 51	3. 26	+2– 8	2. 65	1. 65	0– 5
Medium	5	6. 56	5. 65	0–14	4. 48	4. 08	1–11
Low	3	3. 37	3. 43	0– 6	5. 13	6. 47	0–12
Spring 1946:							
Best	7	4. 34	5. 30	0–12	5. 67	6. 33	1–15
Medium	3	1. 17	1. 70	+1– 2	. 23	. 49	0– 1
Low	2	4. 55	6. 44	0– 9	2. 45	1. 48	1– 4
Total:							
Best	35	4. 18	4. 16	+2–12	3. 65	3. 77	0–15
Medium	21	7. 02	4. 45	+1–14	3. 92	3. 19	0–11
Low	12	6. 39	4. 53	0–14	2. 99	3. 22	0–12
Gabardine:							
Fall 1944:							
Best	11	2. 58	2. 68	0– 9	+. 07	. 91	+2– 1
Medium	10	2. 11	3. 61	+1– 8	+. 03	1. 18	+2– 2
Low	7	2. 83	4. 30	+1– 9	. 10	. 79	+1– 1
Spring 1945:							
Best	11	1. 84	3. 14	+1– 8	. 74	3. 84	+4–10
Medium	8	2. 54	1. 88	0– 5	1. 79	3. 24	+1– 8
Low	5	1. 82	2. 14	0– 6	. 46	. 74	0– 2
Fall 1945:							
Best	9	4. 34	5. 22	+1–15	2. 42	3. 42	+1–10
Medium	4	2. 40	2. 27	0– 6	. 35	2. 12	+2– 2
Low	1	6. 0			2. 2		
Spring 1946:							
Best	14	. 64	1. 18	+2– 3	2. 03	4. 96	+2–18
Medium	12	1. 34	2. 11	+1– 5	. 08	. 97	+1– 3
Low	8	4. 81	6. 02	+2–14	3. 06	6. 55	+1–18
Total:							
Best	45	2. 15	3. 32	+2–15	1. 28	3. 73	+4–18
Medium	34	1. 97	2. 55	+1– 8	. 48	1. 32	+2– 8
Low	21	3. 50	4. 58	+2–14	1. 41	4. 16	+1–18

See footnote at end of table.

Table 5.—Cotton Fabrics: ***Summary of dimensional change*** [1] ***in washing for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale*—Continued**

Type of fabric, buying period, and quality	Number of fabrics	Washing					
		Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range
Gingham:							
Fall 1944:		*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Best	9	6. 67	3. 09	2–12	2. 62	1. 97	+1– 5
Medium	6	7. 42	2. 72	4–10	5. 05	2. 25	2– 7
Low	5	8. 92	2. 34	6–12	4. 18	2. 99	2– 7
Spring 1945:							
Best	7	3. 54	2. 99	1– 9	3. 33	3. 76	1–12
Medium	3	8. 07	4. 56	3–11	4. 13	2. 66	2– 7
Low	3	6. 03	4. 58	1–10	5. 17	3. 57	2– 9
Fall 1945:							
Best	9	3. 72	3. 02	0– 9	3. 48	4. 15	1–14
Medium	7	6. 30	6. 25	+1–14	4. 60	3. 97	0–12
Low	4	6. 72	3. 23	4–11	3. 50	2. 09	2– 6
Spring 1946:							
Best	6	3. 63	4. 11	0–10	. 70	. 86	0– 2
Medium	4	9. 28	1. 25	7–10	6. 35	5. 47	2–14
Low	1	+1. 1	---	---	1. 4	---	---
Total:							
Best	31	4. 52	3. 40	0–12	2. 66	3. 10	+1–14
Medium	20	7. 50	4. 24	+1–14	5. 02	3. 52	0–14
Low	13	6. 81	3. 89	+1–12	3. 98	2. 68	1– 9
Percale:							
Fall 1944:							
Best	12	3. 58	1. 68	0– 6	2. 00	1. 55	0– 6
Medium	8	3. 88	2. 43	0– 8	2. 81	3. 14	0–10
Low	7	4. 86	1. 65	3– 7	1. 97	1. 76	+1– 5
Spring 1945:							
Best	9	3. 01	1. 82	0– 5	1. 46	2. 16	+1– 5
Medium	8	3. 88	2. 25	1– 8	2. 55	3. 24	0– 9
Low	5	3. 28	2. 31	0– 6	3. 70	2. 50	0– 6
Fall 1945:							
Best	9	4. 97	4. 06	+1–12	3. 11	4. 81	+3–11
Medium	6	3. 07	2. 40	0– 6	1. 57	2. 41	+1– 5
Low	4	5. 22	. 36	5– 6	3. 10	3. 14	0– 7
Spring 1946:							
Best	12	3. 18	3. 15	0–10	4. 08	3. 72	0–13
Medium	7	3. 64	2. 04	+1– 5	1. 51	2. 78	+4– 4
Low	4	4. 18	. 75	3– 5	3. 20	1. 83	2– 5
Total:							
Best	42	3. 64	2. 80	+1–12	2. 71	3. 30	+3–13
Medium	29	3. 65	2. 18	+1– 8	2. 17	2. 85	+4–10
Low	20	4. 40	1. 63	0– 7	2. 88	2. 21	+1– 7

[1] Shrinkage everywhere except where + indicates stretch.

Table 6.—Cotton Fabrics: ***Summary of colorfastness data for fabrics sold as broadcloth, chambray, gabardine, gingham, and percale***

Type of fabric, buying period, and quality	Number of fabrics [1]	Light						Washing				Perspiration							
		40 hours exposure			80 hours exposure			CS59 test No. 2		CS59 test No. 3		Acid				Alkaline			
		Severe fading	Appreciable fading	Not faded	Severe fading	Appreciable fading	Not faded	Faded	Not faded	Faded	Not faded	Faded, bled, not washed out	Not faded, bled, not washed out	Not faded, bled, washed out	Not faded, not bled	Faded, bled, not washed out	Not faded, bled, not washed out	Not faded, bled, washed out	Not faded, not bled
Broadcloth:																			
Fall 1944:		*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Best	4	75.0	0	25.0	75.0	0	25.0	50.0	50.0	75.0	25.0	0	25.0	0	75.0	0	25.0	0	75.0
Medium	2	0	0	100.0	0	50.0	50.0	50.0	50.0	50.0	50.0	0	0	0	100.0	0	0	0	100.0
Low	3	66.7	33.3	0	66.7	33.3	0	66.7	33.3	66.7	33.3	0	33.3	0	66.7	0	33.3	0	66.7
Spring 1945:																			
Best	6	66.7	16.7	16.7	83.3	0	16.7	16.7	83.3	16.7	83.3	0	0	16.7	83.3	0	0	16.7	83.3
Medium	2	100.0	0	0	100.0	0	0	100.0	0	100.0	0	0	50.0	0	50.0	0	50.0	0	50.0
Low																			
Fall 1945:																			
Best	6	16.7	50.0	33.3	16.7	50.0	33.3	16.7	83.3	16.7	83.3	16.7	33.3	0	50.0	16.7	33.3	0	50.0
Medium	2	50.0	0	50.0	50.0	50.0	0	0	100.0	50.0	50.0	0	50.0	0	50.0	0	50.0	0	50.0
Low																			
Spring 1946:																			
Best	4	0	50.0	50.0	0	50.0	50.0	0	100.0	25.0	75.0	0	0	0	100.0	0	0	0	100.0
Medium	2	0	100.0	0	100.0	0	0	0	100.0	50.0	50.0	0	0	0	100.0	0	0	0	100.0
Low	2	100.0	0	0	100.0	0	0	50.0	50.0	50.0	50.0	0	0	0	100.0	0	0	0	100.0
Total:																			
Best	20	40.0	30.0	30.0	45.0	25.0	30.0	20.0	80.0	30.0	70.0	5.0	15.0	5.0	75.0	5.0	15.0	5.0	75.0
Medium	8	37.5	25.0	37.5	62.5	25.0	12.5	37.5	62.5	62.5	37.5	0	25.0	0	75.0	0	25.0	0	75.0
Low	5	80.0	20.0	0	80.0	20.0	0	60.0	40.0	60.0	40.0	0	20.0	0	80.0	0	20.0	0	80.0
Chambray:																			
Fall 1944:																			
Best	11	18.2	36.4	45.4	54.5	0	45.4	36.4	63.6	63.6	36.4	9.1	18.2	9.1	63.6	18.2	9.1	18.2	54.5
Medium	10	20.0	40.0	40.0	20.0	40.0	40.0	60.0	40.0	80.0	20.0	10.0	20.0	20.0	50.0	10.0	30.0	20.0	40.0
Low	5	0	20.0	80.0	0	40.0	60.0	80.0	20.0	80.0	20.0	0	20.0	0	80.0	0	20.0	20.0	60.0
Spring 1945:																			
Best	9	22.2	33.3	44.4	33.3	44.4	22.2	22.2	77.8	33.3	66.7	0	11.1	0	88.9	0	11.1	0	88.9
Medium	3	33.3	0	66.7	33.3	0	66.7	33.0	66.7	33.3	66.7	0	0	0	100.0	0	0	0	100.0
Low	2	0	100.0	0	50.0	50.0	0	50.0	50.0	50.0	50.0	0	50.0	0	50.0	0	100.0	0	0
Fall 1945:																			
Best	8	25.0	12.5	62.5	25.0	25.0	50.0	25.0	75.0	25.0	75.0	0	25.0	0	75.0	0	25.0	12.5	62.5
Medium	5	0	60.0	40.0	20.0	60.0	20.0	40.0	60.0	40.0	60.0	0	40.0	0	60.0	0	40.0	20.0	40.0
Low	3	66.7	0	33.3	66.7	33.3	0	33.3	66.7	66.7	33.3	0	0	0	100.0	0	0	0	100 0
Spring 1946:																			
Best	7	14.3	28.6	57.1	42.9	28.6	28.6	28.6	71.4	42.9	57.1	0	14.3	0	85.7	0	14.3	0	85.7
Medium	3	0	33.3	66.7	0	33.3	66.7	0	100.0	33.3	66.7	0	0	0	100.0	0	0	0	100.0
Low	2	0	50.0	50.0	0	50.0	50.0	50.0	50.0	50.0	50.0	0	0	50.0	50.0	0	50.0	0	50.0
Total:																			
Best	35	20.0	28.6	51.4	40.0	22.9	37.1	28.6	71.4	42.9	57.1	2.8	17.1	2.9	77.1	5.7	14.3	8.6	71.4
Medium	21	14.3	38.1	47.6	19.0	38.1	42.9	42.9	57.1	57.1	42.9	4.8	19.0	9.5	66.7	4.8	23.8	14.3	57.1
Low	12	16.7	33.3	50.0	25.0	41.7	33.3	58.3	41.7	66.7	33.3	0	16.7	8.3	75.0	0	33.3	8.3	58.3
Gabardine:																			
Fall 1944:																			
Best	9	33.3	22.2	44.4	44.4	11.1	44.4	22.2	77.8	55.6	44.4	11.1	0	0	88.9	11.1	0	0	88.9
Medium	7	42.9	14.3	42.9	42.9	14.3	42.9	28.6	71.4	42.9	57.1	0	28.6	14.3	57.1	0	28.6	0	71.4
Low	5	0	80.0	20.0	20.0	60.0	20.0	20.0	80.0	60.0	40.0	0	20.0	0	80.0	0	20.0	0	80.0

Spring 1945:																			
Best	9	11. 1	44. 4	44. 4	44. 4	22. 2	33. 3	22. 2	77. 8	33. 3	66. 7	0	33. 3	0	66. 7	11. 1	22. 2	0	66. 7
Medium	6	33. 3	33. 3	33. 3	50. 0	16. 7	33. 3	16. 7	83. 3	16. 7	83. 3	0	33. 3	16. 7	50. 0	0	33. 3	0	66. 7
Low	2	50. 0	50. 0	0	100. 0	0	0	50. 0	50. 0	50. 0	50. 0	0	0	0	100. 0	0	0	0	100. 0
Fall 1945:																			
Best	7	14. 3	28. 6	57. 1	28. 6	42. 9	28. 6	42. 9	57. 1	42. 9	57. 1	14. 3	14. 3	14. 3	57. 1	0	42. 9	0	57. 1
Medium	1	0	100. 0	0	0	100. 0	0	0	100. 0	0	100. 0	0	0	0	100. 0	0	0	100. 0	0
Low	1	100. 0	0	0	100. 0	0	0	100. 0	0	100. 0	0	0	100. 0	0	0	0	100. 0	0	0
Spring 1946:																			
Best	10	40. 0	40. 0	20. 0	50. 0	30. 0	20. 0	10. 0	90. 0	30. 0	70. 0	0	20. 0	0	80. 0	0	20. 0	0	80. 0
Medium	9	33. 3	22. 2	44. 5	44. 4	11. 1	44. 5	11. 1	88. 9	11. 1	88. 9	0	33. 3	0	66. 7	11. 1	22. 2	0	66. 7
Low	5	60. 0	40. 0	0	80. 0	20. 0	0	40. 0	60. 0	60. 0	40. 0	20. 0	40. 0	0	40. 0	20. 0	60. 0	0	20. 0
Total:																			
Best	35	25. 7	34. 3	40. 0	42. 9	25. 7	31. 4	22. 9	77. 1	40. 0	60. 0	5. 7	17. 1	2. 9	74. 3	5. 7	20. 0	0	74. 3
Medium	23	34. 8	26. 1	39. 1	43. 5	17. 4	39. 1	17. 4	82. 6	21. 7	78. 3	0	30. 4	8. 7	60. 9	4. 4	26. 0	4. 4	65. 2
Low	13	38. 5	53. 8	7. 7	61. 5	30. 8	7. 7	38. 5	61. 5	61. 5	38. 5	7. 7	30. 8	0	61. 5	7. 7	38. 5	0	53. 8
Gingham:																			
Fall 1944:																			
Best	9	22. 2	22. 2	55. 6	22. 2	22. 2	55. 6	11. 1	88. 9	33. 3	66. 7	0	11. 1	0	88. 9	0	11. 1	0	88. 9
Medium	6	33. 3	16. 7	50. 0	33. 3	16. 7	50. 0	33. 3	66. 7	66. 7	33. 3	16. 7	0	0	83. 3	0	0	0	100. 0
Low	5	20. 0	20. 0	60. 0	20. 0	20. 0	60. 0	0	100. 0	40. 0	60. 0	0	20. 0	0	80. 0	0	20. 0	0	80. 0
Spring 1945:																			
Best	7	0	0	100. 0	0	14. 3	85. 7	0	100. 0	14. 3	85. 7	0	0	0	100. 0	0	0	0	100. 0
Medium	3	66. 7	0	33. 3	66. 7	33. 3	0	33. 3	66. 7	66. 7	33. 3	0	33. 3	0	66. 7	0	66. 7	0	33. 3
Low	3	66. 7	33. 3	0	100. 0	0	0	100. 0	0	100. 0	0	66. 7	33. 3	0	0	33. 3	66. 7	0	0
Fall 1945:																			
Best	9	11. 1	11. 1	77. 8	11. 1	22. 2	66. 7	11. 1	88. 9	11. 1	88. 9	0	11. 1	0	88. 9	0	11. 1	0	88. 9
Medium	7	14. 3	42. 9	42. 9	28. 6	28. 6	42. 9	28. 6	71. 4	42. 9	57. 1	0	28. 6	0	71. 4	0	28. 6	0	71. 4
Low	4	75. 0	0	25. 0	75. 0	0	25. 0	25. 0	75. 0	75. 0	25. 0	0	25. 0	0	75. 0	0	25. 0	0	75. 0
Spring 1946:																			
Best	6	0	50. 0	50. 0	33. 3	16. 7	50. 0	16. 7	83. 3	16. 7	83. 3	0	33. 3	0	66. 7	0	33. 3	0	66. 7
Medium	4	25. 0	25. 0	50. 0	50. 0	0	50. 0	25. 0	75. 0	25. 0	75. 0	0	0	0	100. 0	0	25. 0	0	75. 0
Low	1	0	0	100. 0	0	0	100. 0	0	100. 0	0	100. 0	0	0	0	100. 0	0	0	0	100. 0
Total:																			
Best	31	9. 7	19. 3	71. 0	16. 1	19. 4	64. 5	9. 7	90. 3	19. 4	80. 6	0	12. 9	0	87. 1	0	12. 9	0	87. 1
Medium	20	30. 0	25. 0	45. 0	40. 0	20. 0	40. 0	30. 0	70. 0	50. 0	50. 0	5. 0	15. 0	0	80. 0	0	25. 0	0	75. 0
Low	13	46. 1	15. 4	38. 5	53. 8	7. 7	38. 5	30. 8	69. 2	61. 5	38. 5	15. 4	23. 1	0	61. 5	7. 7	30. 8	0	61. 5
Percale:																			
Fall 1944:																			
Best	11	54. 5	27. 3	18. 2	72. 7	27. 3	0	27. 3	72. 7	45. 5	54. 5	0	27. 3	0	72. 7	0	27. 3	0	72. 7
Medium	8	50. 0	37. 5	12. 5	62. 5	25. 0	12. 5	25. 0	75. 0	62. 5	37. 5	0	25. 0	0	75. 0	0	25. 0	12. 5	62. 5
Low	7	57. 1	14. 3	28. 6	71. 4	14. 3	14. 3	28. 6	71. 4	42. 9	57. 1	14. 3	14. 3	0	71. 4	14. 3	14. 3	14. 3	57. 1
Spring 1945:																			
Best	9	44. 4	22. 2	33. 3	66. 7	22. 2	11. 1	22. 2	77. 8	44. 4	55. 6	11. 1	11. 1	11. 1	66. 7	0	22. 2	11. 1	66. 7
Medium	8	62. 5	12. 5	25. 0	75. 0	0	25. 0	25. 0	75. 0	37. 5	62. 5	0	25. 0	12. 5	62. 5	0	25. 0	0	75. 0
Low	5	80. 0	0	20. 0	80. 0	0	20. 0	20. 0	80. 0	20. 0	80. 0	0	20. 0	20. 0	60. 0	0	20. 0	20. 0	60. 0
Fall 1945:																			
Best	9	77. 8	11. 1	11. 1	77. 8	11. 1	11. 1	22. 2	77. 8	33. 3	66. 7	0	44. 4	11. 1	44. 4	0	55. 6	0	44. 4
Medium	6	33. 3	33. 3	33. 3	33. 3	50. 0	16. 7	0	100. 0	16. 7	83. 3	0	16. 7	0	83. 3	0	0	16. 7	83. 3
Low	4	50. 0	25. 0	25. 0	75. 0	25. 0	0	0	100. 0	25. 0	75. 0	0	25. 0	0	75. 0	0	25. 0	0	75. 0
Spring 1946:																			
Best	12	41. 7	25. 0	33. 3	58. 3	16. 7	25. 0	25. 0	75. 0	41. 7	58. 3	0	33. 3	16. 7	50. 0	0	41. 7	8. 3	50. 0
Medium	7	57. 1	28. 6	14. 3	85. 7	0	14. 3	0	100. 0	14. 3	85. 7	0	14. 3	14. 3	71. 4	0	14. 3	0	85. 7
Low	4	0	25. 0	75. 0	25. 0	50. 0	25. 0	0	100. 0	0	100. 0	0	25. 0	0	75. 0	0	25. 0	25. 0	50. 0
Total:																			
Best	41	53. 7	21. 9	24. 4	68. 3	19. 5	12. 2	24. 4	75. 6	41. 5	58. 5	2. 4	29. 3	9. 8	58. 5	0	36. 6	4. 9	58. 5
Medium	29	51. 7	27. 6	20. 7	65. 6	17. 2	17. 2	13. 8	86. 2	34. 5	65. 5	0	20. 7	6. 9	72. 4	0	17. 2	6. 9	75. 9
Low	20	50. 0	15. 0	35. 0	65. 0	20. 0	15. 0	15. 0	85. 0	25. 0	75. 0	5. 0	20. 0	5. 0	70. 0	5. 0	20. 0	15. 0	60. 0

[1] White fabrics exeluded from colorfastness.

Table 7.—Rayon Fabrics: ***Price, width, weave, type of yarn, and content of fabric for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge***

Type of fabric, quality, and city number	First buying, fall 1944								Second buying, spring 1945							
	Price per yard	Width	Weave[1]	Yarn type		Fabric content			Price per yard	Width	Weave[1]	Yarn type		Fabric content		
				Warp	Filling	Sizing	Fiber[2]					Warp	Filling	Sizing	Fiber[2]	
Challis:																
Best:	*Dollars*	*Inches*				*Percent*		*Percent*	*Dollars*	*Inches*				*Percent*		*Percent*
1	1.00	36⅞	(a)	Single	Single	3.5	A	36.2	1.25	39⅜	(a)	Single	Single	19.7	A	44.5
							V	60.3							V	35.8
2	.79	39	(b)	do	do	1.2	A	54.4	1.19	42⅝	(a)	do	do	1.9	A	23.2
							V	44.4							V	74.9
3	.89	39⅜	(b)	do	do	8.2	A	45.7	1.00	37⅝	(c)	do	do	3.3	A	59.2
							V	46.1							V	37.5
4	.89	39⅜	(a)	do	do	2.9	A	30.9	----	----	----	----	----	----	----	----
							V	66.2								
5	.79	38⅝	(a)	do	do	2.4	A	30.2	----	----	----	----	----	----	----	----
							V	67.4								
6	.98	38	(a)	do	do	11.4	A	27.6	----	----	----	----	----	----	----	----
							V	61.0								
7	1.19	38⅝	(a)	do	do	1.8	A	61.6	.79	38⅜	(a)	Single	Single	5.8	A	56.0
							V	36.6							V	38.2
8	.89	38⅞	(a)	do	do	2.2	A	29.7	1.39	39⅜	(a)	do	do	1.9	A	50.0
							V	68.1							V	48.1
9	1.25	38⅛	(a)	do	do	1.5	A	61.5	1.25	38⅛	(a)	do	do	1.8	A	59.4
							V	37.0							V	38.8
10	.89	36⅝	(a)	do	do	2.7	A	28.7	----	----	----	----	----	----	----	----
							V	68.6								
11	1.19	37⅞	(a)	do	do	5.1	A	55.9	1.89	38⅝	(a)	Single	Single	1.5	A	83.0
							V	39.0							V	15.5
12	.79	39¼	(a)	do	do	1.9	A	14.3	1.00	37⅞	(a)	do	do	1.5	A	23.4
							V	83.8							V	75.1
13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
14	----	----	----	----	----	----	----	----	1.69	42⅛	(d)	2-ply	Single	11.7	----	----
															V	88.3
15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Medium:																
1	.75	38⅞	(a)	Single	Single	1.9	A	.4	.79	39⅜	(a)	Single	Single	2.2	A	31.0
							V	97.7							V	66.8
2	----	----	----	----	----	----	----	----	.89	38⅜	(a)	do	do	1.8	A	32.3
															V	65.9
3	.79	38⅝	(a)	Single	Single	2.1	A	11.7	----	----	----	----	----	----	----	----
							V	86.2								
4	.79	39⅝	(a)	do	do	1.1	A	51.3	----	----	----	----	----	----	----	----
							V	47.6								
5	.79	38⅝	(a)	do	do	2.2	A	49.8	----	----	----	----	----	----	----	----
							V	48.0								
6	.59	37⅝	(a)	do	do	2.9	A	35.5	----	----	----	----	----	----	----	----
							V	61.6								
7	.89	38	(a)	do	do	1.7	----	----	.79	39⅛	(a)	Single	Single	1.2	A	20.7
							V	98.3							V	78.1
8	.69	38⅞	(a)	do	do	2.2	A	49.1	1.19	38⅝	(a)	do	do	1.6	A	60.0
							V	48.7							V	38.4
9	----	----	----	----	----	----	----	----	.89	39	(a)	do	do	1.9	A	58.0
															V	40.1
10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
11	.79	38⅝	(b)	Single	Single	1.1	A	47.6	.98	38⅞	(a)	Single	Single	1.7	A	32.5
							V	51.3							V	65.8
12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Low:																
1	.69	37⅞	(a)	Single	Single	1.4	A	15.9	.85	39	(a)	Single	Single	1.6	A	26.8
							V	82.7							V	71.6
2	----	----	----	----	----	----	----	----	.79	38⅝	(a)	do	do	2.0	A	32.1
															V	65.9

See footnotes at end of table

Table 7.—Rayon Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued

Type of fabric, quality, and city number	Third buying, fall 1945								Fourth buying, spring 1946							
	Price per yard	Width	Weave [1]	Yarn type		Fabric content			Price per yard	Width	Weave [1]	Yarn type		Fabric content		
				Warp	Filling	Sizing	Fiber [2]					Warp	Filling	Sizing	Fiber [2]	
Challis:																
Best:	*Dollars*	*Inches*				*Percent*		*Percent*	*Dollars*	*Inches*				*Percent*		*Percent*
1	0. 89	37⅞	(a)	Single	Single	3. 0	A	30. 8	0. 79	39⅜	(a)	Single	Single	2. 0	A	53. 8
							V	66. 2							V	44. 2
2	. 79	38⅝	(a)	do	do	4. 4			1. 29	38¼	(a)	do	do	7. 2	A	47. 2
							V	95. 6							V	45. 6
3	1. 00	38⅞	(a)	do	do	1. 1	A	50. 7	. 79	38	(a)	do	do	4. 5		
							V	48. 2							V	95. 5
4	. 79	38⅛	(a)	do	do	1. 2	A	31. 5	1. 25	38⅝	(a)	do	do	7. 0	A	46. 6
							V	67. 3							V	46. 4
5	. 79	38⅛	(a)	do	do	1. 6	A	51. 1	. 85	38⅝	(a)	do	do	1. 1	A	61. 7
							V	47. 3							V	37. 2
6	. 98	37⅝	(a)	do	do	4. 7	A	23. 1	. 81	38⅞	(a)	do	do	4. 3	A	59. 0
							V	72. 2							V	36. 7
7	1. 19	38⅝	(a)	do	do	1. 0	A	62. 1	. 79	38⅜	(a)	do	do	4. 8	A	28. 3
							V	36. 9							V	66. 9
8	1. 39	38⅝	(a)	do	do	1. 9	A	50. 0	. 89	38⅛	(a)	do	do	1. 9	A	30. 1
							V	48. 1							V	68. 0
9	. 89	38⅞	(a)	do	do	1. 3	A	30. 1	1. 00	38⅛	(a)	do	do	6. 1	A	58. 0
							V	68. 6							V	35. 9
10	. 79	37⅜	(a)	do	do	7. 7	A	30. 3	1. 29	38⅞	(a)	do	do	7. 2	A	58. 6
							V	62. 0							V	34. 2
11	1. 49	38	(a)	do	do	4. 2	A	59. 8	. 71	38⅛	(a)	do	do	6. 0	A	55. 2
							V	36. 0							V	38. 8
12	1. 49	38⅛	(a)	do	do	3. 9	A	50. 5	1. 00	38⅛	(a)	do	do	6. 0	A	55. 2
							V	45. 6							V	38. 8
13	. 89	39	(a)	do	do	1. 1	A	51. 4	1. 25	38⅞	(a)	do	do	8. 9	A	45. 4
							V	47. 5							V	45. 7
14	. 79	38⅛	(a)	do	do	3. 4	A	61. 6	. 79	39	(a)	do	do	2. 6	A	30. 0
							V	35. 0							V	67. 4
15																
Medium:																
1	. 73	38⅝	(a)	Single	Single	1. 0	A	49. 6	. 73	37⅞	(a)	Single	Single	1. 9	A	62. 8
							V	49. 4							V	35. 3
2	. 89	38⅛	(a)	do	do	2. 0	A	29. 9	. 89	38⅝	(a)	do	do	4. 0	A	61. 4
							V	68. 1							V	34. 6
3									. 84	38⅛	(a)	do	do	4. 0	A	60. 4
															V	35. 6
4	. 79	36⅝	(a)	Single	Single	2. 9	A	60. 7	. 89	39⅝	(a)	do	do	2. 5	A	60. 0
							V	36. 4							V	37. 5
5	. 49	39⅛	(a)	do	do	1. 5	A	20. 5	1. 00	38⅝	(a)	do	do	3. 8	A	61. 3
							V	78. 0							V	34. 9
6																
7	1. 00	38	(a)	Single	Single	. 9	A	50. 6	. 79	38⅛	(a)	Single	Single	1. 6	A	30. 4
							V	48. 5							V	68. 0
8	. 45	39⅞	(a)	do	do	3. 4	A	16. 7	. 89	38⅝	(a)	do	do	1. 1	A	59. 1
							V	79. 9							V	39. 8
9																
10									. 98	37⅝	(a)	Single	Single	6. 7	A	55. 4
															V	37. 9
11	1. 20	38⅜	(a)	Single	Single	5. 0	A	61. 3	. 79	37⅞	(a)	do	do	6. 3	A	60. 3
							V	33. 7							V	33. 4
12	1. 23	38⅛	(a)	do	do	9. 0	A	. 5	. 49	38⅜	(a)	do	do	6. 3	A	60. 3
							V	90. 5							V	33. 4
13	1. 00	37	(a)	do	do	3. 5			1. 00	38⅛	(a)	do	do	3. 1	A	26. 2
							V	96. 5							V	70. 7
14	. 83	38⅞	(a)	do	do	4. 2			1. 00	39⅞	(b)	do	do	5. 0		
							V	95. 8							V	95. 0
15																
Low:																
1	. 70	39	(a)	Single	Single	2. 1	A	29. 5								
							V	68. 4								
2	. 79	38	(a)	do	do	1. 8	A	33. 9	. 70	37⅞	(a)	Single	Single	1. 9	A	62. 8
							V	64. 3							V	35. 3

See footnotes at end of table.

Table 7.—Rayon Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued

Type of fabric, quality, and city number	First buying, fall 1944							Second buying, spring 1945						
	Price per yard	Width	Weave [1]	Yarn type		Fabric content		Price per yard	Width	Weave [1]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber [2]				Warp	Filling	Sizing	Fiber [2]
Challis—Con.														
Low—Con.	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
3														
4	0. 59	39⅝	(a)	Single	Single	1. 2	A 22. 6 V 76. 2							
5	. 89	38¼	(a)	do	do	2. 8	V 97. 2							
6														
7														
8	. 89	40⅛	(a)	Single	Single	2. 3	A 23. 6 V 74. 1							
9								0. 69	38⅝	(a)	Single	Single	1. 9	A 30. 7 V 67. 4
10														
11	. 49	38⅝	(a)	Single	Single	1. 1	A 9. 6 V 89. 3	. 79	39	(b)	Single	Single	1. 1	A 50. 9 V 48. 0
12														
13														
14														
15														
Crash:														
Best:														
1	1. 00	36⅝	(a)	Single	Single	2. 2	V 97. 8	. 85	38⅝	(a)	Single	Single	2. 6	V 97. 4
2	. 98	38⅞	(a)	do	do	1. 5	V 98. 5	1. 00	36⅜	(a)	do	do	7. 8	V 92. 2
3	1. 00	38⅜	(a)	do	do	14. 1	V 85. 9	1. 19	38⅛	(a)	do	do	18. 7	V 81. 3
4	1. 00	39	(a)	do	do	11. 6	V 88. 4							
5	. 79	39⅜	(a)	do	do	14. 4	V 85. 6							
6	. 89	38⅝	(a)	do	do	12. 9	V 87. 1							
7	. 98	37⅞	(a)	do	do	2. 9	V 97. 1	. 89	38⅛	(a)	Single	Single	3. 1	V 96. 9
8	1. 00	38⅝	(a)	do	do	3. 4	V 96. 6	. 89	37⅞	(a)	do	do	2. 2	V 97. 8
9	. 65	38⅛	(a)	do	do	9. 9	V 90. 1							
10	1. 00	37⅛	(a)	do	do	3. 4	V 96. 6	. 98	38⅜	(a)	Single	Single	3. 9	V 96. 1
11	. 89	37⅞	(a)	do	do	3. 4	V 96. 6	1. 89	37⅜	(a)	do	do	1. 5	V 98. 5
12								. 79	37⅜	(a)	do	do	2. 6	V 97. 4
13														
14								. 89	38⅝	(a)	Single	Single	5. 4	V 94. 6
15														
Medium:														
1	. 89	38⅝	(a)	Single	Single	1. 5	A 65. 3 V 33. 2	1. 00	38⅝	(a)	Single	Single	21. 6	V 78. 4
2	. 89	36	(a)	do	do	7. 3	V 92. 7	1. 19	37	(a)	do	do	3. 0	A 6. 7 V 90. 3
3	. 79	39	(a)	do	do	1. 9	V 98. 1	1. 00	38⅝	(a)	do	do	16. 3	V 83. 7
4	1. 00	36⅜	(a)	do	do	11. 3	V 88. 7							
5	. 89	36⅛	(a)	do	do	13. 0	V 87. 0							
6	. 79	36⅝	(a)	do	do	7. 3	V 92. 7							

See footnotes at end of table.

Table 7.—Rayon Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabric sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued

Type of fabric, quality, and city number	Third buying, fall 1945							Fourth buying, spring 1946						
	Price per yard	Width	Weave[1]	Yarn type		Fabric content		Price per yard	Width	Weave[1]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber[2]				Warp	Filling	Sizing	Fiber[2]
Challis—Con.														
Low—Con.	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
3								0.75	37⅛	(a)	Single	Single	1.5	A 62.0
														V 36.5
4	1.00	38	(a)	Single	Single	4.8	A 43.9	.89	39⅛	(a)	do	do	2.5	A 63.2
							V 51.3							V 34.3
5								.69	38⅛	(a)	do	do	1.6	A 60.6
														V 37.8
6														
7														
8								.59	39⅝	(a)	Single	Single	1.8	A 58.9
														V 39.3
9														
10														
11								.69	39⅛	(a)	Single	Single	6.2	A 42.4
														V 51.4
12								.79	38⅜	(a)	do	do	6.2	A 42.4
														V 51.4
13	.69	37⅛	(a)	Single	Single	3.7		1.00	39	(b)	do	do	5.2	
							V 96.3							V 94.8
14														
15														
Crash:														
Best:														
1	.78	38⅝	(a)	Single	Single	4.4		1.95	48⅞	(a)	Single	Single	4.8	
							V 95.6							V 95.2
2	.89	38⅝	(a)	do	do	3.6								
							V 96.4							
3	.79	35⅜	(a)	do	do	3.1		1.00	38⅛	(a)	Single	Single	7.5	
							V 96.9							V 92.5
4	.89	39	(a)	do	do	12.3		1.85	53⅞	(a)	do	do	1.0	A 16.9
							V 87.7							V 82.1
5	.79	38⅜	(a)	do	do	11.3		.79	37⅜	(a)	do	do	5.3	A 1.3
							V 88.7							V 93.4
6	.80	38⅝	(a)	do	do	2.0								
							V 98.0							
7	1.19	38	(a)	do	do	5.2	A 14.4	1.46	55⅝	(a)	Single	Single	12.4	
							V 80.4							V 87.6
8	.79	37⅞	(a)	do	do	2.3		.89	39⅜	(a)	do	do	2.3	A 24.2
							V 97.7							V 73.5
9								.89	38⅛	(a)	do	do	11.0	
														V 89.0
10	1.98	39⅞	(a)	2-ply	2-ply	3.1								
							V 96.9							
11	1.00	38⅛	(a)	Single	Single	11.7	A 50.0	.82	38⅜	(a)	Single	Single	9.5	A 53.0
							V 38.3							V 37.5
12	.59	37⅛	(a)	do	do	9.8	A 1.1							
							V 89.1							
13	.98	38⅜	(a)	2-ply	do	4.2	A 95.8	.79	36⅞	(a)	Single	Single	12.1	
														V 87.9
14	1.81	54⅛	(a)	Single	do	1.3		1.29	40⅛	(a)	2-ply	2-ply	3.8	
							V 98.7							V 96.2
15	.89	39⅞	(a)	do	do	2.3	A 97.7							
Medium:														
1	1.00	36⅛	(a)	do	do	3.0		.88	39⅛	(a)	Single	Single	2.8	
							V 97.0							V 97.2
2														
3														
4	.89	35⅞	(a)	Single	Single	3.1	A 9.7							
							V 87.2							
5	.79	38⅛	(a)	do	do	2.1	A 16.7							
							V 81.2							
6														

See footnotes at end of table.

Table 7.—Rayon Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued

Type of fabric, quality, and city number	First buying, fall 1944								Second buying, spring 1945							
	Price per yard	Width	Weave[1]	Yarn type		Fabric content			Price per yard	Width	Weave[1]	Yarn type		Fabric content		
				Warp	Filling	Sizing	Fiber[2]					Warp	Filling	Sizing	Fiber[2]	
Crash—Con.																
Medium—Con.	*Dollars*	*Inches*				*Percent*		*Percent*	*Dollars*	*Inches*				*Percent*		*Percent*
7	0.98	37⅜	(a)	Single	Single	2.8	A	2.8	0.79	38⅛	(a)	Single	Single	3.0	A	3.0
							V	97.2							V	97.0
8																
9																
10	.69	39⅞	(a)	Single	Single	1.5	A	19.5	1.98	39	(a)	2-ply	2-ply	1.8	A	98.2
							V	79.0								
11	.79	38⅞	(a)	do	do	3.7	A	9.3	.79	38⅝	(a)	Single	Single	4.2	A	22.7
							V	87.0							V	73.1
12									1.00	37⅞	(a)	do	do	3.0	A	3.0
															V	97.0
13																
14																
15																
Low:																
1	.69	38⅛	(a)	Single	Single	3.5	A	3.5								
							V	96.5								
2																
3																
4	1.00	36	(a)	Single	Single	15.0	A	15.0								
							V	85.0								
5	.89	37	(a)	do	do	4.8	A	4.8								
							V	95.2								
6																
7									1.00	36⅝	(a)	Single	Single	7.6	A	7.6
															V	92.4
8																
9																
10																
11																
12																
13																
14																
15																
Crepe:																
Best:																
1	1.00	39⅝	(a)	Single	Single	.8	A	1.0	1.25	43⅜	(a)	Single	Single	1.1	A	63.2
							V	99.2							V	35.7
2	1.19	41⅞	(a)	do	do	.9	A	61.9	1.39	41⅝	(a)	do	do	.8	A	61.7
							V	37.2							V	37.5
3									1.19	39⅜	(a)	do	do	2.6	A	2.6
															V	97.4
4	.89	41⅛	(a)	Single	Single	.9	A	64.2								
							V	34.9								
5	.89	41⅜	(a)	do	do	.6	A	62.8								
							V	36.6								
6	.89	41⅜	(a)	do	do	.7	A	63.9								
							V	35.4								
7	.79	42⅛	(a)	do	do	1.0	A	61.3	3.95	39⅛	(a)	Single	Single	2.3	A	2.3
							V	37.7							V	97.7
8	1.19	41⅝	(a)	do	do	.4	A	38.1	.89	41⅞	(a)	do	do	1.0	A	63.2
							V	61.5							V	35.8
9									1.25	42⅛	(a)	do	do	.7	A	0.7
															V	99.3
10																
11																
12																
13									1.50	41	(a)	Single	2-ply	2.1	A	52.5
															V	45.4

See footnotes at end of table.

Table 7.—Rayon Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued

Type of fabric, quality, and city number	Third buying, fall 1945							Fourth buying, spring 1946						
	Price per yard	Width	Weave [1]	Yarn type		Fabric content		Price per yard	Width	Weave [1]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber [2]				Warp	Filling	Sizing	Fiber [2]
Crash—Con.														
Medium—Con.	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
7	0. 65	38	(a)	Single	Single	3. 0	V 97. 0	0. 79	38¾	(a)	Single	Single	2. 5	V 97. 5
8	. 89	38⅝	(a)	do	do	10. 8	V 89. 2							
9								1. 98	38⅞	(a)	2-ply	2-ply	1. 5	A 98. 5
10	1. 29	37⅞	(a)	2-ply	2-ply	6. 0	V 94. 0							
11														
12	1. 23	40⅝	(a)	2-ply	2-ply	7. 3	A . 9 V 91. 8							
13	. 79	38¾	(a)	Single	Single	2. 9	V 97. 1							
14	. 69	36½	(a)	do	do	3. 5	V 96. 5	1. 02	39	(a)	Single	Single	3. 6	V 96. 4
15														
Low:														
1	. 71	38⅞	(a)	Single	Single	1. 4								V 98. 6
2														
3														
4														
5														
6														
7								. 98	39⅞	(a)	Single	Single	1. 7	V 98. 3
8														
9														
10														
11														
12														
13														
14														
15														
Crepe:														
Best:														
1	1. 00	45⅝	(a)	Single	Single	. 8	A 54. 8 V 44. 4	1. 39	38⅝	(a)	Single	Single	2. 0	V 98. 0
2	1. 00	43½	(a)	do	do	1. 0	A 66. 0 V 33. 0	1. 98	39⅝	(a)	do	do	1. 1	V 98. 9
3														
4	1. 00	41⅞	(a)	Single	Single	. 8	A 99. 2	2. 00	36⅞	(a)	Single	Single	1. 0	V 99. 0
5	. 98	45⅝	(a)	do	do	1. 4	A 56. 6 V 42. 0	. 98	45¼	(a)	do	do	. 6	A 56. 4 V 43. 0
6	1. 98	45⅞	(a)	do	do	1. 5	A 57. 5 V 41. 0	. 89	42⅞	(a)	do	do	1. 3	A 98. 7
7	6. 95	40	(a)	do	do	1. 0	V 99. 0	3. 95	39	(a)	do	do	. 8	V 99. 2
8	1. 85	42	(a)	do	do	2. 3	A 63. 1 V 34. 6							
9	1. 25	38⅝	(a)	do	do	2. 9	V 97. 1							
10	1. 00	43⅞	(a)	do	do	2. 6	A 97. 4	1. 98	39⅞	(a)	Single	Single	8. 7	A 3. 1 V 88. 2
11	1. 00	44	(a)	do	do	1. 4	A 98. 6	2. 95	39⅝	(a)	do	do	8. 6	V 91. 4
12	. 49	38⅜	(a)	do	do	3. 8	A 62. 6 V 33. 6	1. 98	41⅝	(a)	do	do	5. 6	A 49. 4 V 45. 0
13	2. 57	38⅝	(a)	do	do	1. 5	V 98. 5	4. 00	39¾	(a)	do	do	1. 2	V 98. 8

See footnotes at end of table.

Table 7.—Rayon Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued

Type of fabric, quality, and city number	First buying, fall 1944								Second buying, spring 1945							
	Price per yard	Width	Weave [1]	Yarn type		Fabric content			Price per yard	Width	Weave [1]	Yarn type		Fabric content		
				Warp	Filling	Sizing	Fiber [2]					Warp	Filling	Sizing	Fiber [2]	
Crepe—Con.																
Best—Con.	*Dollars*	*Inches*				*Percent*		*Percent*	*Dollars*	*Inches*				*Percent*		*Percent*
14																
15									1.25	39	(a)	Single	Single	2.1	V	97.9
Medium:																
1	0.85	40⅛	(a)	Single	Single	1.4	A	65.4	.89	45⅞	(a)	do	do	.8	A	57.3
							V	33.2							V	41.9
2	1.00	42⅜	(a)	do	do	.9	A	63.5	.89	45⅞	(a)	do	do	.8	A	57.3
							V	35.6							V	41.9
3																
4	1.00	44⅞	(a)	Single	Single	1.0	A	99.0								
5	.79	39⅞	(a)	do	do	.7										
							V	99.3								
6	.89	41⅝	(a)	do	do	.4	A	63.4								
							V	36.2								
7	.79	35⅞	(a)	do	do	.7	A	78.8	2.25	40	(a)	Single	Single	2.1		
							V	20.5							V	97.9
8									1.69	39⅞	(a)	do	do	2.0		
															V	98.0
9									2.25	40	(a)	do	do	.6		
															V	99.4
10																
11																
12																
13																
14																
15									.75	39⅛	(a)	Single	Single	1.3	A	67.3
															V	31.4
Low:																
1	.79	41⅛	(a)	Single	Single	1.6	A	65.9								
							V	32.5								
2																
3																
4	.89	40	(a)	Single	Single	1.5										
							V	98.5								
5	.65	38⅞	(a)	do	do	2.6										
							V	97.4								
6																
7	1.95	40	(a)	Single	Single	.8			.79	41⅝	(a)	Single	Single	.5	A	63.7
							V	99.2							V	35.8
8									2.50	40	(a)	do	do	.9		
															V	99.1
9									1.00	45⅝	(a)	do	do	.3	A	57.5
															V	42.2
10																
11																
12																
13																
14																
15																
Taffeta:																
Best:																
1	1.00	39	(a)	Single	Single	1.3			.69	38⅛	(a)	Single	Single	1.0		
							V	98.7							V	99.0
2	1.00	41	(a)	do	do	1.1	A	98.9	1.00	41⅜	(a)	do	do	1.6	A	98.4

See footnotes at end of table

Table 7.—Rayon Fabrics: ***Price, width, weave, type of yarn, and content of fabric for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued**

Type of fabric, quality, and city number	Third buying, fall 1945								Fourth buying, spring 1946							
	Price per yard	Width	Weave [1]	Yarn type		Fabric content			Price per yard	Width	Weave [1]	Yarn type		Fabric content		
				Warp	Filling	Sizing	Fiber [2]					Warp	Filling	Sizing	Fiber [2]	
Crepe—Con.																
Best—Con.	*Dollars*	*Inches*				*Percent*		*Percent*	*Dollars*	*Inches*				*Percent*		*Percent*
14	1. 29	39¼	(a)	Single	Single	1. 4	A	1. 2	1. 69	42⅝	(a)	Single	2-ply	3. 2	A	48. 1
							V	98. 6							V	48. 7
15	1. 25	39⅜	(a)	do	do	. 8	A	1. 0	1. 00	43⅝	(a)	do	Single	2. 0	A	98. 0
							V	99. 2								
Medium:																
1	. 82	42⅜	(a)	Single	Single	1. 8	A	62. 9	1. 19	41⅞	(a)	Single	Single	1. 1	A	61. 5
							V	35. 3							V	37. 4
2	. 89	45	(a)	do	do	. 6	A	56. 5								
							V	42. 9								
3																
4	. 89	39¼	(a)	Single	Single	1. 2	A	1. 2								
							V	98. 8								
5	. 98	44	(a)	do	do	1. 6	A	98. 4	. 98	38⅝	(a)	Single	Single	. 9	A	1. 0
															V	99. 1
6	. 89	43⅞	(a)	do	do	1. 2	A	98. 8								
7	2. 95	41⅛	(a)	do	do	1. 4	A	1. 4	2. 40	42⅛	(a)	Single	2-ply	. 6	A	48. 8
							V	98. 6							V	50. 6
8	. 98	39⅛	(a)	do	do	2. 3	A	2. 3								
							V	97. 7								
9																
10	1. 59	41⅞	(a)	Single	2-ply	4. 4	A	31. 4								
							V	64. 2								
11	1. 49	41⅝	(a)	do	Single	3. 5	A	42. 7	3. 50	40⅞	(a)	Single	Single	9. 2	A	90. 8
							V	53. 8								
12									1. 49	44⅜	(a)	do	do	3. 4	A	96. 6
13	1. 25	42⅛	(a)	Single	Single	1. 1	A	1. 1	1. 50	42⅞	(a)	do	do	. 9	A	1. 0
							V	98. 9							V	99. 1
14	1. 29	41⅝	(a)	do	do	1. 1	A	1. 1	1. 29	40⅜	(a)	do	do	1. 0	A	63. 1
							V	98. 9							V	35. 9
15																
Low:																
1	2. 98	39⅞	(a)	Single	Single	1. 0	A	99. 0	1. 00	45⅜	(a)	Single	Single	1. 4	A	55. 4
															V	43. 2
2																
3																
4																
5																
6																
7	. 79	38⅞	(a)	Single	Single	. 8	A	63. 5								
							V	35. 7								
8																
9																
10	3. 98	42	(a)	Single	Single	8. 0	A	2. 6								
							V	89. 4								
11	2. 79	37⅞	(a)	do	do	4. 7	A	85. 9								
							V	9. 4								
12									2. 50	37⅞	(a)	Single	Single	7. 9	A	7. 9
															V	92. 1
13	. 79	40⅝	(a)	Single	Single	. 9	A	55. 5	1. 00	45⅛	(a)	do	do	. 8	A	56. 7
							V	43. 6							V	42. 5
14									1. 25	39⅜	(a)	do	do	1. 0	A	1. 0
															V	99. 0
15																
Taffeta:																
Best:																
1	1. 00	41⅝	(a)	Single	Single	1. 0	A	99. 0	1. 69	45⅛	(a)	Single	Single	. 6	A	1. 0
															V	99. 4
2	. 79	41	(a)	do	do	1. 5	A	98. 5								

See footnotes at end of table.

Table 7.—Rayon Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued

Type of fabric, quality, and city number	First buying, fall 1944							Second buying, spring 1945						
	Price per yard	Width	Weave [1]	Yarn type: Warp	Yarn type: Filling	Fabric content: Sizing	Fabric content: Fiber [2]	Price per yard	Width	Weave [1]	Yarn type: Warp	Yarn type: Filling	Fabric content: Sizing	Fabric content: Fiber [2]
Taffeta—Con.														
Best—Con.	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
3	1.00	39	(a)	Single	Single	0.5	V 99.5	1.19	38⅞	(a)	Single	Single	1.2	V 98.8
4	.59	39⅛	(a)	do	do	.5	V 99.5							
5	.89	38⅝	(a)	do	do	.8	V 99.2							
6	.79	36⅝	(a)	do	do	1.7	V 98.3							
7	.59	39⅞	(a)	do	do	1.7	V 98.3	1.00	41⅛	(a)	Single	Single	7.0	A 93.0
8	.69	38⅝	(a)	do	do	1.6	V 98.4	.89	39	(a)	do	do	.7	V 99.3
9	.79	39	(a)	do	do	1.3	V 98.7	.93	38⅝	(a)	do	do	.4	V 99.6
10	1.29	38⅞	(a)	do	do	.9	V 99.1	.98	38⅛	(a)	do	do	1.6	V 98.4
11	.98	38⅞	(a)	do	do	1.0	V 99.0	1.49	38⅜	(a)	do	do	2.8	V 97.2
12	1.19	40⅝	(a)	do	do	0	V 100.0	1.00	39	(a)	do	do	2.1	V 97.9
13								.89	38⅝	(a)	do	do	1.0	V 99.0
14								.89	38⅛	(a)	do	do	2.0	V 98.0
15								1.00	41⅜	(a)	do	do	1.1	A 98.9
Medium:														
1	.89	39⅞	(a)	Single	Single	.9	V 99.1	1.00	41⅜	(a)	do	do	1.7	A 98.3
2	.79	38⅞	(a)	do	do	1.4	V 98.6	1.00	39	(a)	do	do	1.2	V 98.8
3														
4	.79	42	(a)	Single	Single	.9	V 99.1							
5	.59	39⅞	(a)	do	do	1.9	V 98.1							
6	1.19	42	(a)	do	do	1.5	A 50.4 V 48.1							
7	.89	38⅛	(a)	do	do	1.6	V 98.4	.79	41⅝	(a)	Single	Single	1.4	V 98.6
8	1.00	41⅛	(a)	do	do	.2	A 99.8	1.00	38	(a)	do	do	1.8	V 98.2
9	.79	39⅞	(a)	do	do	.9	V 99.1	.79	38⅛	(a)	do	do	1.9	V 98.1
10	1.19	41⅛	(a)	do	do	1.0	A 99.0	1.69	38⅛	(a)	do	do	1.6	V 98.4
11	.89	38⅝	(a)	do	do	1.6	V 98.4	.98	37⅞	(a)	do	do	2.6	V 97.4
12	.89	38	(a)	do	do	0	V 100.0	1.19	40⅛	(a)	do	do	1.1	A 98.9
13								.49	38⅞	(a)	do	do	.9	V 99.1
14														
15														
Low:														
1	.79	42⅛	(a)	Single	Single	.6	V 99.4							
2	.49	38⅝	(a)	do	do	1.8	V 98.2	.69	38⅞	(a)	Single	Single	1.4	V 98.6
3														
4	.79	42	(a)	Single	Single	.9	A 52.0 V 47.1							
5														
6	.98	41⅝	(a)	Single	Single	1.6	A 98.4							

See footnotes at end of table

Table 7.—Rayon Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued

Type of fabric, quality, and city number	Third buying, fall 1945							Fourth buying, spring 1946						
	Price per yard	Width	Weave [1]	Yarn type		Fabric content		Price per yard	Width	Weave [1]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber [2]				Warp	Filling	Sizing	Fiber [2]
Taffeta—Con.														
Best—Con.	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
3	0. 82	38⅛	(a)	Single	Single	1. 9	V 98. 1							
4	. 89	38⅜	(a)	do	do	1. 0	V 99. 0	1. 00	38⅜	(a)	Single	Single	0. 9	V 99. 1
5	. 69	38⅜	(a)	do	do	1. 5	V 98. 5	1. 49	40⅛	(a)	do	do	1. 4	V 98. 6
6	. 71	38⅛	(a)	do	do	1. 6	V 98. 4							
7	. 88	41⅛	(a)	do	do	1. 4	A 98. 6	. 79	40⅞	(a)	Single	Single	2. 8	A 97. 2
8	. 69	38⅞	(a)	do	do	1. 8	V 98. 2							
9	. 89	38⅝	(a)	do	do	1. 2	V 98. 8	1. 00	42	(a)	Single	Single	. 8	V 99. 2
10	. 98	41⅜	(a)	do	do	7. 3	A 61. 3 V 31. 4	1. 69	37⅛	(a)	do	do	8. 2	V 91. 8
11	. 71	38⅝	(a)	do	do	5. 8	A 9. 8 V 84. 4	1. 49	38⅜	(a)	do	do	8. 2	V 91. 8
12	. 49	41⅛	(a)	do	do	2. 2	A 97. 8	. 98	38⅝	(a)	do	do	8. 2	V 91. 8
13	. 79	38⅜	(a)	do	do	. 8	V 99. 2	1. 50	39½	(a)	do	do	. 9	V 99. 1
14	1. 02	38⅞	(a)	do	do	10. 1	V 89. 9	1. 00	38⅞	(a)	do	do	1. 4	V 98. 6
15	. 69	39⅛	(a)	do	do	1. 4	V 98. 6	. 59	38⅜	(a)	do	do	. 6	V 99. 4
Medium:														
1	. 79	41	(a)	do	do	1. 1	A 98. 9							
2	. 63	38	(a)	do	do	1. 5	V 98. 5							
3														
4	. 89	41⅜	(a)	Single	Single	1. 3	A 98. 7	. 89	38⅝	(a)	Single	Single	. 8	A 99. 2
5	. 59	38⅝	(a)	do	do	3. 9	A 47. 8 V 48. 3	. 59	39	(a)	do	do	1. 0	V 99. 0
6	. 79	42⅛	(a)	do	do	1. 9	A 98. 1							
7	. 98	38⅝	(a)	do	do	1. 6	V 98. 4	. 59	39⅛	(a)	Single	Single	1. 8	V 98. 2
8	. 59	38⅝	(a)	do	do	1. 2	V 98. 8							
9	. 79	41⅝	(a)	do	do	4. 6	A 65. 8 V 29. 6	. 79	38⅝	(a)	Single	Single	1. 0	V 99. 0
10														
11	. 89	37⅞	(a)	Single	Single	5. 3	A 21. 8 V 72. 9	. 79	41⅝	(a)	Single	Single	6. 3	V 93. 7
12	1. 00	41⅝	(a)	do	do	3. 7	A 51. 0 V 45. 3	1. 49	41⅝	(a)	do	do	6. 3	A 18. 0 V 75. 7
13	. 69	38⅝	(a)	do	do	. 5	V 99. 5	. 69	38⅜	(a)	do	do	. 3	V 99. 7
14	. 89	41⅜	(a)	do	do	. 9	A 99. 1	. 69	38⅝	(a)	do	do	1. 7	V 98. 3
15														
Low:														
1	. 88	39	(a)	Single	Single	1. 0	V 99. 0							
2	. 89	39⅜	(a)	do	do	1. 3	V 98. 7							
3														
4	. 69	39	(a)	Single	Single	. 9	V 99. 1	. 73	39⅜	(a)	Single	Single	3. 2	V 96. 8
5	. 93	39	(a)	do	do	1. 3	V 98. 7							
6	. 59	39⅜	(a)	do	do	1. 3	V 98. 7							

See footnotes at end of table

Table 7.—Rayon Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued

Type of fabric, quality, and city number	First buying, fall 1944								Second buying, spring 1945							
	Price per yard	Width	Weave[1]	Yarn type		Fabric content			Price per yard	Width	Weave[1]	Yarn type		Fabric content		
				Warp	Filling	Sizing	Fiber[2]					Warp	Filling	Sizing	Fiber[2]	
Taffeta—Con.																
Low—Con.	*Dollars*	*Inches*				*Percent*		*Percent*	*Dollars*	*Inches*				*Percent*		*Percent*
7	0.59	38⅞	(a)	Single	Single	1.5										
							V	98.5								
8	.79	36⅝	(a)	do	do	1.3			0.69	38⅝	(a)	Single	Single	1.2		
							V	98.7							V	98.8
9									1.49	39	(a)	do	do	1.5		
															V	98.5
10	.59	39	(a)	Single	Single	2.1			.79	38⅞	(a)	do	do	4.2		
							V	97.9							V	95.8
11	.79	38⅝	(a)	do	do	1.1			.89	38⅜	(a)	do	do	.7		
							V	98.9							V	99.3
12	.79	38⅞	(a)	do	do	0										
							V	100.0								
13																
14																
15																
Gabardine:																
Best:																
1	1.25	41⅞	(f)	Single	Single	1.7	A	49.7								
							V	48.6								
2	1.29	41⅝	(f)	do	do	6.5	A	47.4	1.00	42⅛	(f)	Single	Single	6.6	A	29.9
							V	46.1							V	63.5
3	1.29	43¼	(f)	do	do	4.8	A	49.3								
							V	45.9								
4	2.00	40⅝	(f)	2-ply	2-ply	1.2	A	33.8								
							V	65.0								
5	1.19	43⅝	(f)	Single	Single	6.1	A	49.0								
							V	44.9								
6	1.25	42⅝	(f)	do	do	6.4	A	48.2								
							V	45.4								
7	1.50	43⅝	(f)	2-ply	do	.7	A	25.3	1.50	44⅞	(f)	2-ply	Single	.6	A	30.8
							V	74.0							V	68.6
8	1.19	41⅞	(f)	Single	do	1.1			1.19	44	(f)	Single	do	3.9		
							V	98.9							V	96.1
9									1.25	42	(f)	do	do	1.6	A	50.6
															V	47.8
10									1.39	43	(f)	do	do	4.0	A	48.2
															V	47.8
11	1.25	44⅞	(f)	Single	Single	6.8	A	41.0	1.29	41¼	(f)	do	do	7.6	A	43.1
							V	52.2							V	49.3
12									1.19	42	(f)	do	do	7.3	A	48.9
															V	43.8
13									1.50	42⅛	(f)	do	do	3.8		
															V	96.2
14									1.69	42⅝	(f)	do	do	9.8		
															V	90.2
15																
Medium:																
1	1.19	44⅛	(f)	Single	Single	6.7	A	48.0								
							V	45.3								
2																
3	1.00	38⅞	(g)	Single	Single	1.7	A	50.7								
							V	47.6								
4	1.45	43⅜	(f)	do	do	6.0	A	48.2								
							V	45.8								
5																
6	.98	41⅝	(f)	Single	Single	2.6	A	49.1								
							V	48.3								
7	1.29	42⅛	(f)	do	do	1.7			1.19	42	(f)	Single	Single	1.9		
							V	98.3							V	98.1
8	1.19	44	(f)	do	do	3.7			.89	39⅝	(c)	do	do	.5		
							V	96.3							V	99.5

See footnotes at end of table.

Table 7.—Rayon Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued

Type of fabric, quality, and city number	Third buying, fall 1945							Fourth buying, spring 1946						
	Price per yard	Width	Weave [1]	Yarn type		Fabric content		Price per yard	Width	Weave [1]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber [2]				Warp	Filling	Sizing	Fiber [2]
Taffeta—Con.														
Low—Con.	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
7	0. 79	38⅝	(a)	Single	Single	0. 8	V 99. 2							
8	. 61	41⅝	(a)	do	do	. 9	V 99. 1							
9														
10														
11	. 89	41⅛	(a)	Single	Single	6. 5	A 50. 9 V 42. 6	1. 69	38	(a)	Single	Single	11. 0	A 7. 7 V 81. 3
12														
13	. 98	42⅞	(a)	Single	Single	2. 6	V 97. 4							
14	. 91	42	(a)	do	do	1. 1	V 98. 9							
15														
Gabardine:														
Best:														
1	1. 73	44⅜	(f)	2-ply	Single	. 8	A 64. 9 V 34. 3	1. 25	43⅜	(f)	Single	Single	8. 5	A 50. 6 V 40. 9
2	1. 29	41⅝	(f)	Single	do	4. 4	A 47. 8 V 47. 8	1. 00	42	(f)	do	do	1. 0	A 30. 7 V 68. 3
3														V
4	1. 85	41⅞	(f)	2-ply	Single	1. 0	A 43. 4 V 55. 6	1. 25	41⅝	(f)	Single	Single	2. 6	A 52. 0 V 45. 4
5	1. 69	42⅞	(f)	do	do	1. 0	A 39. 0 V 60. 0	. 89	41⅞	(f)	do	do	4. 2	A 29. 7 V 66. 1
6	1. 19	41⅝	(f)	Single	do	5. 8	A 29. 0 V 65. 2	1. 27	41⅞	(f)	do	do	2. 0	A 51. 4 V 46. 6
7	1. 19	43⅝	(f)	do	do	6. 7	A 46. 3 V 47. 0	1. 75	43⅝	(f)	2-ply	do	. 5	A 36. 1 V 63. 4
8								1. 19	41⅞	(f)	Single	do	2. 1	A 49. 2 V 48. 7
9	1. 25	42⅜	(f)	Single	Single	9. 7	V 90. 3							
10	2. 98	43⅜	(f)	do	do	9. 5	A 85. 7 V 4. 8	1. 29	41⅞	(f)	Single	Single	6. 6	A 50. 0 V 43. 4
11	1. 25	43⅝	(f)	do	do	8. 4	A 26. 9 V 64. 7							
12														
13	2. 00	44⅝	(g)	2-ply	Single	2. 0	V 98. 0	1. 25	44⅜	(f)	Single	Single	6. 5	A 47. 6 V 45. 9
14	2. 00	43⅛	(h)	do	do	1. 9	V 98. 1							
15														
Medium:														
1	1. 25	42⅛	(f)	Single	Single	2. 2	A 49. 5 V 48. 3	1. 98	39⅛	(f)	Single	Single	2. 2	V 90. 4 W 7. 4
2														
3														
4	1. 25	41⅝	(f)	Single	Single	1. 4	A 49. 6 V 49. 0	. 89	41⅝	(f)	Single	Single	2. 7	A 20. 8 V 76. 5
5	1. 29	43⅝	(f)	do	do	9. 6	A 45. 0 V 45. 4							
6	1. 19	43⅝	(f)	do	do	5. 5	A 47. 5 V 47. 0	. 89	41⅝	(f)	Single	Single	3. 3	A 20. 9 V 75. 8
7								. 98	42	(f)	do	do	1. 2	A 30. 3 V 68. 5
8								1. 19	41⅝	(f)	do	do	2. 2	A 48. 9 V 48. 9

See footnotes at end of table

Table 7.—Rayon Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued

Type of fabric, quality, and city number	First buying, fall 1944							Second buying, spring 1945						
	Price per yard	Width	Weave[1]	Yarn type		Fabric content		Price per yard	Width	Weave[1]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber[2]				Warp	Filling	Sizing	Fiber[2]
Gabardine—														
Con.														
Medium—														
Con.	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
9								1. 19	42	(f)	Single	Single	3. 9	V 96. 1
10														
11								. 89	43	(f)	Single	Single	2. 8	V 97. 2
12														
13								1. 00	41⅞	(f)	Single	Single	5. 1	V 94. 9
14														
15														
Serge:														
Best:														
1								. 78	39⅛	(c)	Single	Single	2. 9	A 60. 5 V 36. 6
2	0. 79	38⅝	(c)	Single	Single	2. 4	V 97. 6	1. 69	38⅞	(c)	do	do	1. 3	A 68. 9 V 29. 8
3														
4	1. 25	40⅞	(c)	Single	Single	4. 7	A 48. 4 V 46. 9							
5														
6														
7	. 89	38⅛	(c)	Single	Single	1. 9	V 98. 1	. 69	38⅝	(c)	Single	Single	2. 2	V 97. 8
8	. 89	39	(c)	do	do	3. 7	V 96. 3	. 79	35⅜	(c)	do	do	1. 3	A 51. 1 V 47. 6
9	1. 49	44⅝	(c)	2-ply	do	4. 7	V 95. 3	. 79	38⅞	(c)	do	do	3. 6	V 96. 4
10	. 89	38	(c)	Single	do	2. 3	V 97. 7	. 79	38⅝	(c)	do	do	2. 8	V 97. 2
11	1. 95	44⅜	(c)	2-ply	2-ply	6. 0	A 23. 1 V 70. 9	1. 79	38⅝	(c)	do	do	3. 2	A 39. 1 V 57. 7
12	1. 19	39⅞	(c)	do	do	3. 4	A 27. 9 V 68. 7	1. 50	40⅝	(c)	2-ply	2-ply	5. 7	A 65. 6 V 28. 7
13														
14								1. 29	40⅞	(c)	Single	Single	6. 0	V 94. 0
15														
Medium:														
1														
2	. 89	39⅝	(c)	Single	Single	2. 0	V 98. 0							
3														
4	. 69	37⅝	(c)	Single	Single	2. 4	V 97. 6							
5														
6														
7	1. 25	42⅛	(c)	2-ply	Single	2. 6	V 97. 4	1. 25	41⅞	(c)	2-ply	Single	5. 3	V 94. 7
8	1. 00	54	(c)	Single	do	1. 6	V 98. 4	1. 29	41¾	(c)	do	do	1. 5	A 51. 5 V 47. 0
9														
10	. 79	37⅞	(c)	Single	Single	2. 9	V 97. 1							
11	. 89	38⅝	(c)	do	do	2. 3	A 61. 6 V 36. 1							
12														
13														
14														
15														

See footnotes at end of table

Table 7.—Rayon Fabrics: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued

Type of fabric, quality, and city number	Third buying, fall 1945							Fourth buying, spring 1946						
	Price per yard	Width	Weave [1]	Yarn type		Fabric content		Price per yard	Width	Weave [1]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber [2]				Warp	Filling	Sizing	Fiber [2]
Gabardine—														
Con.														
Medium—														
Con.	*Dollars*	*Inches*				*Percent*	*Percent*	*Dollars*	*Inches*				*Percent*	*Percent*
9														
10														
11														
12														
13														
14														
15														
Serge:														
Best:														
1								1.25	42⅛	(c)	2-ply	2-ply	2.4	A 48.4 V 49.2
2														
3														
4														
5														
6														
7	1.19	41⅛	(c)	Single	Single	1.5	A 50.7 V 47.8	1.39	41⅞	(c)	2-ply	Single	6.7	A 27.6 V 65.7
8	1.36	41⅛	(c)	do	do	1.6	A 51.3 V 47.1							
9	1.39	39⅜	(c)	2-ply	2-ply	7.0	V 93.0							
10	1.49	57	(c)	Single	Single	8.8	A 2.2 V 89.0							
11	1.79	41⅞	(c)	do	do	7.1	A 27.7 V 65.2	1.00	39⅜	(c)	Single	Single	8.4	A 15.5 V 76.1
12														
13	1.35	39⅛	(c)	Single	Single	2.4	A 24.8 V 72.8							
14														
15														
Medium:														
1														
2														
3														
4														
5														
6														
7														
8	1.29	41⅝	(c)	Single	Single	1.2	A 50.1 V 48.7							
9														
10	1.29	42⅛	(c)	2-ply	Single	8.7	A 50.7 V 40.6							
11	1.78	41⅛	(c)	Single	do	.5	A 56.5 V 43.0							
12														
13														
14														
15														

[1] Description of weaves: (a), plain; (b), half basket; (c), twill, $\frac{2}{2}$; (d), broken twill $\frac{2}{2}$; (e), plain variation; (f), twill $\frac{2}{1}$; (g), twill $\frac{5\ 2}{2\ 2}$; (h), twill $\frac{3}{1}$.

[2] A=acetate; V=viscose; W=wool.

Table 8.—Rayon Fabrics: *Summary of price data for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*

Type of fabric, buying period, and quality	Number of fabrics	Price per linear yard		
		Mean	Standard deviation	Range
Challis:		*Dollars*	*Dollars*	*Dollars*
Fall 1944:				
Best	12	0. 962	0. 165	0. 79–1. 25
Medium	8	. 760	. 088	. 59– . 89
Low	5	. 710	. 179	. 49– . 89
Spring 1945:				
Best	9	1. 272	. 346	. 79–1. 89
Medium	6	. 922	. 150	. 79–1. 19
Low	4	. 780	. 066	. 69– . 85
Fall 1945:				
Best	14	1. 011	. 267	. 79–1. 49
Medium	10	. 861	. 262	. 45–1. 23
Low	4	. 795	. 144	. 69–1. 00
Spring 1946:				
Best	14	964	. 216	. 71–1. 29
Medium	12	. 858	. 148	. 49–1. 00
Low	8	. 762	. 130	. 59–1. 00
Total:				
Best	49	1. 034	. 268	. 71–1. 89
Medium	36	. 848	. 179	. 45–1. 23
Low	21	. 760	. 130	. 49–1. 00
Crash:				
Fall 1944:				
Best	11	. 925	. 114	. 65–1. 00
Medium	9	. 857	. 100	. 69–1. 00
Low	3	. 860	. 157	. 69–1. 00
Spring 1945:				
Best	9	1. 041	. 338	. 79–1. 89
Medium	7	1. 107	. 409	. 79–1. 98
Low	1	1. 00	------	----------
Fall 1945:				
Best	14	1. 012	. 400	. 59–1. 98
Medium	9	. 913	. 224	. 65–1. 29
Low	1	. 71	------	----------
Spring 1946:				
Best	10	1. 173	. 140	. 79–1. 95
Medium	4	1. 168	. 550	. 79–1. 98
Low	1	. 98	------	----------
Total:				
Best	44	1. 033	. 348	. 59–1. 98
Medium	29	. 978	. 318	. 65–1. 98
Low	6	. 878	. 144	. 69–1. 00
Crepe:				
Fall 1944:				
Best	7	. 977	. 158	. 79–1. 19
Medium	6	. 887	. 096	. 79–1. 00
Low	4	1. 070	. 595	. 65–1. 95
Spring 1945:				
Best	8	1. 584	. 972	. 89–3. 95
Medium	6	1. 453	. 701	. 75–2. 25
Low	3	1. 430	. 933	. 79–2. 50
Fall 1945:				
Best	14	1. 686	1. 603	. 49–6. 95
Medium	11	1. 274	. 615	. 82–2. 95
Low	5	2. 266	1. 421	. 79–3. 98
Spring 1946:				
Best	12	2. 066	1. 062	. 89–4. 00
Medium	7	1. 764	. 888	. 98–3. 50
Low	4	1. 438	. 718	1. 00–2. 50
Crepe—Continued				
Total:		*Dollars*	*Dollars*	*Dollars*
Best	41	1. 656	1. 203	0. 49–6. 95
Medium	30	1. 347	. 685	. 75–3. 50
Low	16	1. 603	1. 032	. 65–3. 98
Taffeta:				
Fall 1944:				
Best	12	. 900	. 220	. 59–1. 29
Medium	11	. 900	. 176	. 59–1. 19
Low	9	. 733	. 149	. 49– . 98
Spring 1945:				
Best	12	. 996	. 194	. 69–1. 49
Medium	9	. 992	. 328	. 49–1. 69
Low	5	. 910	. 335	. 69–1. 49
Fall 1945:				
Best	15	. 803	. 144	. 49–1. 02
Medium	12	. 793	. 143	. 59–1. 00
Low	10	. 816	. 139	. 59– . 98
Spring 1946:				
Best	11	1. 202	. 380	. 79–1. 69
Medium	8	. 815	. 292	. 59–1. 49
Low	2	1. 210	. 679	. 73–1. 69
Total:				
Best	50	. 960	. 277	. 49–1. 69
Medium	40	. 872	. 239	. 49–1. 69
Low	26	. 836	. 258	. 49–1. 69
Gabardine:				
Fall 1944:				
Best	9	1. 357	. 258	1. 19–2. 00
Medium	6	1. 183	. 178	. 98–1. 45
Spring 1945:				
Best	9	1. 333	. 208	1. 00–1. 69
Medium	5	1. 032	. 151	. 89–1. 19
Fall 1945:				
Best	11	1. 674	. 541	1. 19–2. 98
Medium	4	1. 245	. 041	1. 19–1. 29
Spring 1946:				
Best	9	1. 238	. 236	. 89–1. 75
Medium	5	1. 186	. 460	. 89–1. 98
Total:				
Best	38	1. 415	. 381	. 89–2. 98
Medium	20	1. 158	. 253	. 89–1. 98
Serge:				
Fall 1944:				
Best	8	1. 168	. 396	. 79–1. 95
Medium	6	. 918	. 193	. 69–1. 25
Spring 1945:				
Best	9	1. 123	. 444	. 69–1. 79
Medium	2	1. 270	. 028	1. 25–1. 29
Fall 1945:				
Best	6	1. 428	. 202	1. 19–1. 79
Medium	3	1. 453	. 283	1. 29–1. 78
Spring 1946:				
Best	3	1. 213	. 198	1. 00–1. 39
Medium	------	--------	------	----------
Total:				
Best	26	1. 218	. 364	. 69–1. 95
Medium	11	1. 128	. 311	. 69–1. 78

Table 9.—Rayon Fabrics: *Summary of weight-per-square-yard and yarns-per-inch data for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*

Type of fabric, buying period, and quality	Number of fabrics	Weight per square yard			Yarns per inch					
					Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
Challis:		*Ounces*	*Ounces*	*Ounces*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
Fall 1944:										
Best	12	4. 12	0. 62	3. 2–5. 1	68. 9	5. 8	57– 75	57. 2	6. 4	39– 64
Medium	8	4. 48	. 47	3. 8–5. 0	68. 5	8. 4	54– 79	53. 4	6. 9	40– 60
Low	5	4. 38	. 58	3. 8–5. 1	64. 8	6. 8	56– 71	41. 2	3. 7	37– 47
Spring 1945:										
Best	9	4. 99	1. 06	4. 1–7. 6	71. 7	18. 5	55–116	54. 8	5. 1	47– 64
Medium	6	2. 97	. 51	3. 1–4. 8	67. 5	5. 4	58– 73	53. 7	7. 4	39– 59
Low	4	3. 92	. 85	3. 1–4. 8	68. 5	6. 4	59– 73	57. 0	6. 9	47– 62
Fall 1945:										
Best	14	4. 18	. 77	3. 1–5. 8	72. 6	4. 2	66– 82	57. 6	6. 0	40– 64
Medium	10	4. 34	. 83	3. 0–5. 8	68. 1	8. 2	50– 76	52. 5	7. 2	38– 61
Low	4	3. 75	. 54	3. 3–4. 5	78. 0	6. 1	71– 84	59. 0	5. 3	54– 66
Spring 1946:										
Best	14	4. 26	. 75	3. 1–5. 5	68. 1	9. 4	52– 85	54. 1	8. 6	38– 64
Medium	12	4. 31	1. 00	2. 9–6. 6	64. 5	10. 4	52– 83	50. 4	10. 8	39– 72
Low	8	4. 09	. 36	3. 6–4. 8	56. 2	8. 4	50– 75	44. 2	12. 4	39– 75
Total:										
Best	49	4. 33	. 83	3. 1–7. 6	70. 3	9. 9	52–116	56. 0	6. 8	38– 64
Medium	36	4. 30	. 79	2. 9–6. 6	66. 9	8. 5	50– 83	52. 2	8. 3	38– 72
Low	21	4. 06	. 56	3. 1–5. 1	64. 8	10. 6	50– 84	48. 8	11. 2	37– 75
Crash:										
Fall 1944:										
Best	11	5. 02	. 44	4. 2–5. 8	46. 5	1. 9	44– 51	43. 4	2. 7	39– 50
Medium	9	4. 36	. 45	3. 6–5. 1	55. 1	10. 4	46– 70	42. 2	6. 4	39– 59
Low	3	4. 77	. 60	4. 2–5. 4	55. 0	13. 0	47– 70	41. 0	2. 0	39– 43
Spring 1945:										
Best	9	4. 62	. 29	4. 0–5. 0	47. 3	3. 2	44– 54	44. 7	3. 2	40– 51
Medium	7	4. 66	. 15	4. 5–4. 9	48. 3	6. 5	42– 60	43. 0	4. 4	36– 49
Low	1	3. 90			46. 0			41. 0		
Fall 1945:										
Best	14	5. 39	1. 39	4. 4–9. 9	44. 9	8. 2	27– 64	41. 6	7. 3	24– 50
Medium	9	5. 50	. 13	4. 5–8. 2	45. 0	7. 2	30– 54	41. 9	7. 8	25– 51
Low	1	3. 70			68. 0			42. 0		
Spring 1946:										
Best	10	5. 90	1. 86	4. 4–9. 5	49. 6	16. 0	22– 70	41. 0	10. 9	20– 55
Medium	4	4. 47	. 10	4. 4–4. 6	51. 2	11. 9	41– 68	46. 2	8. 1	37– 53
Low	1	4. 60			38			34		
Total:										
Best	44	5. 26	1. 25	4. 0–9. 9	46. 9	8. 9	22– 70	42. 6	6. 8	20– 55
Medium	29	4. 80	. 91	3. 6–8. 2	49. 8	9. 3	30– 70	42. 9	6. 5	25– 59
Low	6	4. 42	. 62	3. 7–5. 4	52. 8	13. 0	38– 70	40. 0	3. 2	34– 43

Table 9.—Rayon Fabrics: ***Summary of weight-per-square-yard and yarns-per-inch data for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued**

Type of fabric, buying period, and quality	Number of fabrics	Weight per square yard			Yarns per inch					
					Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
Crepe:		*Ounces*	*Ounces*	*Ounces*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
Fall 1944:										
Best	7	2. 91	0. 18	2. 7–3. 2	158. 6	4. 0	155–167	98. 3	5. 1	88–103
Medium	6	3. 07	. 30	2. 7–3. 5	140. 3	20. 7	110–159	83. 5	14. 9	67–100
Low	4	3. 18	. 29	2. 8–3. 4	113. 0	13. 3	96–128	72. 8	3. 8	68– 77
Spring 1945:										
Best	8	3. 22	. 64	2. 7–4. 7	143. 1	16. 7	124–167	82. 4	13. 3	61–101
Medium	6	3. 28	. 31	3. 0–3. 8	138. 3	16. 8	113–153	85. 8	17. 2	67–107
Low	3	2. 97	. 06	2. 9–3. 0	147. 0	14. 0	131–157	94. 7	10. 1	84–104
Fall 1945:										
Best	14	3. 33	. 63	2. 3–4. 5	139. 1	17. 7	110–159	78. 0	15. 1	54–103
Medium	11	3. 44	. 84	2. 3–5. 0	136. 4	21. 0	110–186	72. 0	14. 0	52–102
Low	5	4. 00	1. 38	2. 9–6. 4	142. 4	28. 3	114–186	62. 6	14. 8	46– 83
Spring 1946:										
Best	12	3. 56	. 31	3. 2–4. 3	146. 7	23. 1	99–179	82. 3	12. 1	58–101
Medium	7	3. 78	. 53	3. 3–4. 7	152. 6	48. 3	110–242	75. 1	13. 4	61–101
Low	4	3. 58	. 43	3. 2–4. 2	143. 8	13. 7	130–156	89. 2	12. 0	78–102
Total:										
Best	41	3. 30	. 53	2. 3–4. 7	145. 4	18. 6	99–179	83. 6	14. 1	54–103
Medium	30	3. 42	. 63	2. 3–5. 0	141. 3	28. 3	110–242	77. 8	15. 1	52–107
Low	16	3. 49	. 86	2. 8–6. 4	136. 2	22. 5	96–186	77. 8	16. 7	46–104
Taffeta:										
Fall 1944:										
Best	12	2. 88	. 43	2. 2–3. 5	93. 2	9. 6	74–108	71. 7	7. 6	57– 87
Medium	11	2. 96	. 44	2. 6–4. 1	95. 0	8. 5	72–108	67. 4	7. 2	53– 77
Low	9	2. 82	. 33	2. 3–3. 3	86. 9	11. 2	72– 97	66. 2	7. 7	52– 76
Spring 1945:										
Best	12	2. 93	. 28	2. 4–3. 3	100. 6	7. 2	93–112	71. 7	5. 3	63– 78
Medium	9	2. 76	. 32	2. 2–3. 2	92. 0	9. 2	73– 97	71. 2	6. 6	63– 83
Low	5	2. 86	. 13	2. 8–3. 1	88. 6	11. 1	76– 97	70. 0	5. 8	60– 74
Fall 1945:										
Best	15	2. 83	. 32	2. 2–3. 3	99. 5	12. 0	75–133	71. 4	6. 0	60– 80
Medium	12	2. 66	. 36	2. 0–3. 3	91. 1	10. 2	73– 99	69. 3	5. 3	63– 80
Low	10	3. 26	. 73	2. 4–4. 1	70. 8	20. 8	48– 98	58. 7	9. 1	49– 75
Spring 1946:										
Best	11	3. 02	. 54	2. 3–4. 0	96. 9	8. 0	77–108	66. 9	5. 6	59– 75
Medium	8	2. 99	. 71	2. 3–4. 0	89. 8	17. 2	48–101	66. 9	8. 7	50– 76
Low	2	3. 20	. 85	2. 6–3. 8	85. 5	51. 6	49–122	50. 5	7. 8	45– 56
Total:										
Best	50	2. 91	. 39	2. 2–4. 0	97. 7	9. 7	74–133	70. 5	6. 3	57– 87
Medium	40	2. 83	. 47	2. 0–4. 1	92. 1	11. 0	48–108	68. 7	6. 8	50– 83
Low	26	3. 03	. 55	2. 3–4. 1	80. 9	19. 7	48–122	62. 8	9. 5	45– 76

Gabardine:										
Fall 1944:										
Best	9	6. 56	. 61	5. 9–7. 7	95. 8	9. 9	71–105	51. 7	3. 2	49– 59
Medium	6	6. 37	. 34	5. 9–6. 9	96. 8	14. 8	67–106	53. 7	5. 7	50– 65
Spring 1945:										
Best	9	6. 30	. 48	5. 8–7. 4	99. 6	4. 8	90–104	51. 2	1. 8	49– 54
Medium	5	5. 96	. 66	5. 0–6. 7	110. 4	7. 2	103–120	58. 6	6. 3	52– 65
Fall 1945:										
Best	11	7. 43	. 85	6. 3–8. 8	97. 4	4. 8	90–104	50. 5	5. 4	40– 58
Medium	4	6. 40	. 52	5. 8–7. 0	101. 8	1. 9	99–103	51. 0	. 8	50– 52
Spring 1946:										
Best	9	6. 63	. 60	6. 0–7. 5	102. 4	4. 6	91–107	52. 4	2. 2	50– 57
Medium	5	5. 74	. 21	5. 5–6. 0	102. 4	2. 6	98–104	53. 2	5. 8	49– 63
Total:										
Best	38	6. 76	. 78	5. 8–8. 8	98. 7	6. 6	71–107	51. 4	3. 5	40– 59
Medium	20	6. 11	. 51	5. 0–7. 0	102. 6	9. 9	67–120	54. 2	5. 6	49– 65
Serge:										
Fall 1944:										
Best	8	6. 20	1. 42	4. 8–8. 3	69. 9	12. 8	52– 83	60. 9	10. 8	45– 74
Medium	6	5. 27	. 50	4. 7–6. 2	84. 0	23. 7	55–127	62. 7	9. 7	44– 72
Spring 1945:										
Best	9	5. 47	. 89	4. 7–7. 4	72. 3	9. 6	55– 81	63. 6	9. 3	44– 76
Medium	2	6. 95	. 49	6. 6–7. 3	55. 5	2. 1	54– 57	47. 5	6. 4	43– 52
Fall 1945:										
Best	6	7. 10	. 95	5. 8–8. 3	63. 8	8. 7	57– 81	54. 3	9. 0	45– 69
Medium	3	6. 13	2. 40	3. 7–8. 5	79. 0	35. 7	55–120	61. 0	16. 1	48– 79
Spring 1946:										
Best	3	7. 23	. 35	6. 9–7. 6	64. 0	13. 9	55– 80	57. 0	11. 8	47– 70
Medium										
Total:										
Best	26	6. 27	1. 23	4. 7–8. 3	68. 6	10. 9	52– 83	59. 8	10. 1	44– 76
Medium	11	5. 81	1. 34	3. 7–8. 5	77. 4	25. 6	54–127	59. 4	11. 8	43– 79

Table 10.—Rayon Fabrics: ***Summary of breaking-strength and elongation data for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge***

Type of fabric, buying period, and quality	Number of fabrics	Breaking strength											
		Dry						Wet					
		Warp			Filling			Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
Challis:		*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
Fall 1944:													
Best	12	38. 11	9. 14	25. 0– 61. 5	30. 54	6. 08	21. 8–40. 8	18. 98	4. 28	10. 5–24. 5	14. 84	4. 11	9. 3–22. 2
Medium	8	39. 08	4. 41	33. 1– 47. 3	33. 84	6. 45	26. 6–48. 0	20. 55	3. 16	14. 0–24. 2	19. 88	3. 53	17. 0–26. 8
Low	5	44. 26	10. 86	31. 5– 61. 6	44. 06	12. 61	26. 3–59. 4	23. 38	4. 58	19. 4–30. 9	23. 06	4. 40	17. 0–27. 0
Spring 1945:													
Best	9	37. 51	11. 46	25. 8– 58. 4	29. 79	6. 72	21. 0–43. 2	22. 13	7. 82	8. 2–36. 6	17. 12	7. 66	7. 4–34. 6
Medium	6	30. 42	5. 32	26. 4– 40. 0	25. 60	4. 14	19. 0–31. 0	17. 73	4. 58	13. 2–26. 0	12. 80	2. 72	8. 0–16. 0
Low	4	34. 45	7. 99	27. 0– 41. 9	27. 62	8. 88	17. 7–38. 6	22. 80	8. 60	13. 2–33. 8	17. 22	7. 13	6. 8–22. 7
Fall 1945:													
Best	14	39. 59	6. 32	32. 9– 54. 2	32. 27	6. 54	21. 0–46. 8	20. 79	3. 82	16. 0–27. 0	16. 67	4. 78	6. 2–25. 2
Medium	10	43. 60	6. 87	32. 1– 54. 8	35. 89	9. 57	23. 4–52. 4	23. 14	5. 11	16. 1–33. 2	18. 82	5. 06	10. 4–26. 2
Low	4	41. 55	9. 82	33. 2– 54. 0	27. 05	7. 66	19. 6–36. 2	21. 12	3. 54	16. 5–25. 0	13. 85	4. 57	9. 8–20. 2
Spring 1946:													
Best	14	35. 86	12. 68	15. 0– 52. 4	28. 80	10. 50	8. 7–41. 6	19. 86	5. 41	12. 6–30. 8	15. 72	4. 65	6. 3–22. 6
Medium	12	35. 38	15. 12	19. 4– 70. 8	28. 95	9. 46	12. 2–46. 1	18. 63	8. 20	8. 8–34. 8	14. 90	5. 62	4. 2–24. 0
Low	8	27. 72	5. 49	16. 0– 33. 6	31. 21	5. 17	20. 3–38. 2	17. 96	10. 37	10. 4–42. 8	19. 44	7. 77	12. 8–36. 3
Total:													
Best	49	37. 78	9. 88	15. 0– 61. 5	30. 40	7. 70	8. 7–46. 8	20. 33	5. 24	8. 2–36. 6	16. 03	5. 14	6. 2–34. 6
Medium	36	37. 66	10. 64	19. 4– 70. 8	31. 40	8. 80	12. 2–52. 4	20. 16	6. 10	8. 8–34. 8	16. 74	5. 23	4. 2–26. 8
Low	21	35. 58	10. 44	16. 0– 61. 6	32. 80	10. 32	17. 7–59. 4	20. 78	7. 78	10. 4–42. 8	18. 81	6. 77	6. 8–36. 3
Crash:													
Fall 1944:													
Best	11	48. 34	13. 96	25. 0– 67. 1	39. 63	10. 91	19. 4–59. 5	27. 47	11. 47	13. 7–43. 5	21. 90	8. 82	10. 9–37. 9
Medium	9	42. 96	12. 06	29. 0– 66. 9	34. 73	5. 36	27. 3–41. 9	22. 99	9. 90	8. 1–36. 0	18. 86	5. 99	11. 5–27. 9
Low	3	45. 77	5. 25	41. 2– 51. 5	43. 10	8. 75	37. 8–53. 2	27. 60	5. 45	23. 2–33. 7	26. 23	5. 92	20. 6–32. 4
Spring 1945:													
Best	9	37. 58	5. 69	30. 4– 48. 2	30. 80	3. 23	25. 8–36. 2	18. 33	7. 51	4. 8–26. 8	14. 41	5. 73	5. 2–23. 1
Medium	7	36. 94	8. 03	27. 0– 51. 0	29. 94	4. 93	21. 9–36. 3	21. 87	6. 73	13. 2–31. 6	16. 71	3. 68	11. 0–21. 2
Low	1	31. 0	------	----------	25. 0	------	----------	23. 1	------	----------	17. 6	------	----------
Fall 1945:													
Best	14	42. 13	16. 41	29. 7– 91. 8	36. 42	7. 60	26. 8–47. 8	25. 71	9. 90	16. 7–49. 0	18. 52	7. 20	13. 4–30. 8
Medium	9	43. 67	6. 30	34. 2– 53. 6	39. 77	7. 53	31. 8–56. 0	23. 39	7. 36	14. 9–38. 6	19. 90	4. 89	14. 4–29. 7
Low	1	41. 0	------	----------	45. 4	------	----------	18. 6	------	----------	25. 0	------	----------
Spring 1946:													
Best	10	49. 85	27. 11	21. 6–109. 2	38. 49	13. 53	17. 2–61. 4	28. 86	12. 68	15. 6–57. 0	21. 71	8. 06	11. 4–36. 0
Medium	4	32. 00	13. 25	16. 8– 46. 8	25. 75	10. 85	10. 2–33. 2	19. 05	4. 22	15. 2–24. 4	15. 25	4. 97	11. 7–22. 6
Low	1	20. 4	------	----------	17. 6	------	----------	20. 0	------	----------	17. 4	------	----------
Total:													
Best	44	44. 50	17. 58	21. 6–109. 2	36. 54	9. 78	17. 2–61. 4	25. 36	10. 90	4. 8–57. 0	19. 25	7. 86	5. 2–37. 9
Medium	29	40. 21	10. 20	16. 8– 66. 9	33. 90	8. 18	10. 2–56. 0	22. 30	7. 56	8. 1–38. 6	18. 16	5. 05	11. 0–29. 7
Low	6	38. 28	10. 98	20. 4– 51. 5	36. 22	13. 05	17. 6–53. 2	24. 08	5. 37	18. 6–33. 7	23. 12	5. 76	17. 4–32. 4
Crepe:													
Fall 1944:													
Best	7	27. 29	5. 87	16. 8– 34. 4	26. 40	4. 90	20. 0–31. 9	15. 97	3. 43	10. 5–19. 8	13. 39	3. 05	8. 6–16. 8
Medium	6	32. 25	8. 26	21. 3– 46. 6	26. 88	9. 02	17. 5–41. 7	17. 87	2. 98	13. 4–22. 0	13. 72	5. 23	7. 6–22. 0
Low	4	33. 22	11. 11	19. 5– 46. 7	29. 35	15. 07	13. 2–44. 9	17. 52	3. 32	13. 7–21. 8	14. 18	6. 57	8. 2–23. 0
Spring 1945:													
Best	8	26. 06	6. 20	19. 0– 33. 8	20. 99	4. 58	15. 0–29. 7	13. 76	5. 04	7. 2–21. 5	10. 51	4. 75	3. 6–16. 8
Medium	6	27. 23	4. 83	19. 7– 32. 5	27. 52	15. 28	13. 8–47. 0	14. 42	4. 52	5. 7–17. 9	12. 87	9. 66	4. 5–25. 2
Low	3	20. 87	2. 05	18. 5– 22. 1	24. 10	9. 99	13. 1–32. 6	13. 50	. 79	12. 6–14. 1	13. 87	8. 55	5. 3–22. 4
Fall 1945:													
Best	14	29. 96	6. 45	19. 0– 39. 4	24. 74	10. 59	13. 9–45. 2	15. 11	4. 56	5. 0–21. 0	11. 56	7. 34	3. 4–23. 2
Medium	11	31. 67	7. 17	16. 7– 44. 0	26. 55	9. 10	15. 5–45. 5	15. 36	5. 65	5. 6–22. 3	12. 83	6. 35	5. 4–24. 2
Low	5	36. 80	11. 21	20. 3– 49. 7	25. 86	11. 79	17. 4–46. 4	15. 30	4. 68	9. 1–20. 6	10. 90	5. 75	7. 1–21. 1
Spring 1946:													
Best	12	29. 47	8. 61	13. 6– 40. 2	23. 92	10. 86	10. 3–50. 2	13. 61	3. 54	7. 8–18. 5	10. 35	6. 37	2. 0–23. 2
Medium	7	29. 13	12. 11	11. 9– 46. 4	21. 61	7. 47	13. 6–35. 8	13. 97	3. 24	8. 6–18. 0	9. 23	4. 09	4. 0–15. 0
Low	4	30. 70	11. 37	19. 6– 46. 6	27. 98	9. 91	18. 5–41. 6	11. 0	6. 48	3. 5–19. 2	10. 55	6. 78	3. 5–16. 7
Total:													
Best	41	28. 60	6. 95	13. 6– 40. 2	24. 05	9. 04	10. 3–50. 2	14. 55	4. 15	5. 0–21. 5	11. 31	5. 93	2. 0–23. 2
Medium	30	30. 31	8. 22	11. 9– 46. 6	25. 66	9. 98	13. 6–47. 0	15. 35	4. 49	5. 6–22. 3	12. 17	6. 40	4. 0–25. 2
Low	16	31. 39	10. 84	18. 5– 49. 7	26. 93	10. 92	13. 1–46. 4	14. 44	4. 76	3. 5–21. 8	12. 19	6. 27	3. 5–23. 0

Table 10.—Rayon Fabrics: *Summary of breaking-strength and elongation data for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued

Type of fabric, buying period, and quality	Number of fabrics	Elongation											
		Dry						Wet					
		Warp			Filling			Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
Challis:		*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Fall 1944:													
Best	12	13. 75	3. 71	9. 5–22. 3	15. 51	4. 05	8. 5–23. 1	17. 68	2. 89	12. 7–22. 3	18. 48	3. 54	11. 7–22. 2
Medium	8	15. 54	3. 14	11. 7–20. 4	16. 11	4. 47	10. 0–24. 7	20. 72	3. 77	16. 0–26. 2	19. 91	2. 17	17. 0–23. 4
Low	5	19. 24	3. 38	15. 0–23. 8	19. 24	4. 61	13. 0–25. 4	23. 28	3. 32	18. 7–26. 6	21. 58	3. 18	16. 7–24. 7
Spring 1945:													
Best	9	17. 82	3. 53	14. 2–25. 0	18. 79	4. 36	13. 3–27. 7	20. 96	5. 72	11. 3–32. 0	18. 79	4. 37	10. 0–24. 0
Medium	6	15. 87	2. 66	13. 0–20. 3	18. 67	2. 43	15. 0–22. 3	18. 33	5. 03	12. 0–25. 5	19. 10	6. 07	12. 3–29. 6
Low	4	16. 60	2. 98	13. 9–20. 7	18. 18	5. 45	13. 0–25. 7	16. 78	6. 89	11. 0–25. 7	16. 62	6. 78	10. 7–25. 3
Fall 1945:													
Best	14	19. 64	3. 34	13. 8–26. 7	20. 84	2. 94	16. 7–26. 5	20. 81	4. 35	14. 5–29. 3	20. 28	3. 39	13. 3–27. 2
Medium	10	20. 13	4. 85	13. 3–30. 9	22. 16	4. 42	15. 3–30. 1	22. 03	5. 02	15. 8–30. 3	22. 45	4. 71	15. 1–29. 7
Low	4	21. 35	1. 44	20. 0–23. 3	22. 15	1. 25	21. 3–24. 0	23. 22	2. 56	20. 5–26. 4	21. 15	5. 37	15. 7–26. 7
Spring 1946:													
Best	14	15. 99	3. 34	11. 0–21. 7	16. 09	4. 03	9. 5–22. 3	18. 24	4. 16	10. 0–25. 0	18. 19	4. 44	6. 3–24. 3
Medium	12	15. 54	1. 63	13. 3–18. 1	17. 30	2. 38	12. 2–20. 0	18. 51	4. 57	10. 7–27. 0	18. 15	5. 54	9. 5–28. 0
Low	8	13. 24	3. 84	5. 3–19. 2	18. 26	5. 57	6. 7–25. 0	15. 89	3. 94	11. 3–20. 7	19. 48	5. 49	10. 0–25. 7
Total:													
Best	49	16. 82	4. 04	9. 5–26. 7	17. 80	4. 33	8. 5–27. 7	19. 34	4. 40	10. 0–32. 0	18. 97	3. 90	6. 3–27. 2
Medium	36	16. 87	3. 75	11. 7–30. 9	18. 61	4. 15	10. 0–30. 1	19. 95	4. 69	10. 7–30. 3	19. 89	4. 96	9. 5–29. 7
Low	21	16. 85	4. 45	5. 3–23. 8	19. 22	4. 70	6. 7–25. 7	19. 21	5. 36	11. 0–26. 6	19. 75	5. 20	10. 0–26. 7
Crash:													
Fall 1944:													
Best	11	11. 16	2. 11	8. 2–14. 0	17. 00	4. 62	9. 7–24. 9	14. 85	3. 33	8. 7–21. 7	19. 43	5. 30	9. 3–27. 6
Medium	9	12. 86	5. 26	8. 2–22. 0	15. 60	3. 62	10. 7–20. 3	15. 01	3. 60	10. 6–21. 8	16. 29	3. 74	11. 4–21. 7
Low	3	13. 43	5. 59	7. 0–17. 1	23. 50	2. 65	21. 5–26. 5	17. 57	6. 67	10. 2–23. 4	22. 43	5. 25	17. 3–27. 8
Spring 1945:													
Best	9	13. 14	3. 20	7. 0–18. 4	17. 20	3. 01	10. 7–21. 1	13. 70	4. 36	10. 2–22. 7	15. 66	6. 79	8. 7–30. 4
Medium	7	12. 51	3. 50	7. 0–16. 7	16. 96	4. 04	10. 0–22. 0	15. 96	4. 52	10. 0–22. 8	16. 99	4. 42	11. 3–24. 8
Low	1	11. 2	-----	----------	15. 0	------	----------	15. 7	------	----------	18. 0	------	----------
Fall 1945:													
Best	14	14. 97	4. 25	5. 3–21. 2	20. 75	7. 07	8. 0–38. 7	19. 74	5. 55	9. 3–28. 4	24. 24	7. 14	12. 3–35. 7
Medium	9	17. 00	4. 48	10. 0–25. 3	21. 98	7. 08	10. 0–32. 6	21. 06	7. 44	13. 3–36. 7	23. 43	8. 53	12. 0–36. 0
Low	1	24. 3	-----	----------	18. 3	------	----------	20. 7	------	----------	20. 7	------	----------
Spring 1946:													
Best	10	16. 45	4. 55	9. 6–22. 3	17. 97	3. 12	14. 0–23. 0	18. 24	5. 12	12. 3–26. 7	19. 49	4. 73	13. 0–28. 0
Medium	4	15. 92	5. 14	11. 7–23. 0	16. 15	5. 40	8. 4–20. 3	20. 50	4. 79	16. 5–26. 4	20. 40	6. 94	12. 0–26. 3
Low	1	15. 2	-----	----------	14. 8	------	----------	25. 0	------	----------	28. 1	------	----------
Total:													
Best	44	13. 98	4. 08	5. 3–22. 3	18. 45	5. 14	8. 0–38. 7	16. 94	5. 21	8. 7–28. 4	20. 12	6. 72	8. 7–35. 7
Medium	29	14. 48	4. 82	7. 0–25. 3	17. 98	5. 69	8. 4–32. 6	17. 87	5. 84	10. 0–36. 7	19. 24	6. 64	11. 3–36. 0
Low	6	15. 17	5. 84	7. 0–24. 3	19. 77	4. 59	14. 8–26. 5	19. 02	5. 38	10. 3–25. 0	22. 35	4. 69	17. 3–28. 1
Crepe:													
Fall 1944:													
Best	7	24. 17	8. 02	11. 0–31. 8	22. 50	4. 55	16. 2–28. 5	38. 17	9. 86	25. 2–51. 2	26. 67	2. 98	23. 0–32. 1
Medium	6	24. 60	5. 58	15. 8–31. 2	25. 02	5. 23	16. 5–31. 5	38. 07	7. 50	28. 0–47. 7	30. 98	5. 75	26. 7–41. 5
Low	4	21. 32	6. 96	14. 2–27. 3	21. 48	7. 75	10. 0–27. 0	29. 98	9. 01	18. 2–38. 1	26. 10	5. 54	22. 0–33. 8
Spring 1945:													
Best	8	23. 01	4. 19	17. 7–28. 7	27. 24	7. 45	18. 2–41. 3	30. 05	10. 28	15. 7–43. 0	29. 18	17. 60	9. 8–48. 5
Medium	6	26. 05	9. 36	18. 0–38. 0	26. 00	4. 59	20. 8–34. 4	28. 57	9. 48	17. 5–39. 7	27. 97	9. 98	18. 0–43. 2
Low	3	18. 93	2. 01	16. 8–20. 8	21. 77	1. 10	20. 5–22. 5	28. 33	7. 92	19. 2–33. 2	22. 00	7. 38	13. 5–26. 8
Fall 1945:													
Best	14	24. 23	8. 10	13. 3–37. 9	25. 50	3. 07	21. 5–30. 3	30. 09	7. 61	17. 0–43. 6	23. 56	8. 48	11. 0–40. 0
Medium	11	24. 31	6. 79	10. 3–36. 0	27. 84	4. 91	20. 8–33. 6	28. 39	7. 03	18. 5–39. 3	29. 54	10. 72	16. 0–45. 0
Low	5	20. 02	5. 43	13. 5–26. 0	28. 42	3. 98	24. 7–35. 0	27. 04	3. 40	21. 3–29. 8	30. 74	10. 25	22. 0–45. 0
Spring 1946:													
Best	12	22. 82	5. 33	15. 3–30. 7	26. 15	5. 72	18. 0–34. 7	27. 79	9. 07	11. 7–41. 4	23. 46	12. 48	6. 0–43. 4
Medium	7	23. 80	7. 75	13. 9–33. 8	20. 61	4. 82	13. 3–28. 3	27. 47	4. 33	22. 0–33. 2	24. 04	13. 63	8. 7–43. 1
Low	4	24. 38	3. 92	19. 8–28. 7	24. 65	3. 80	20. 3–29. 0	22. 55	7. 41	13. 4–23. 3	17. 78	5. 58	12. 0–25. 4
Total:													
Best	41	23. 57	6. 50	11. 0–37. 9	25. 52	5. 21	16. 2–41. 3	30. 79	9. 33	11. 7–51. 2	25. 16	11. 27	6. 0–48. 5
Medium	30	24. 60	7. 03	10. 3–38. 0	25. 22	5. 42	13. 3–34. 4	30. 15	7. 91	17. 5–47. 7	28. 23	10. 36	8. 7–45. 0
Low	16	21. 23	5. 03	13. 5–28. 7	24. 49	5. 32	10. 0–35. 0	26. 89	6. 83	13. 4–38. 1	24. 70	8. 64	12. 0–45. 0

Table 10.—Rayon Fabrics: ***Summary of breaking-strength and elongation data for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued**

Type of fabric, buying period, and quality	Number of fabrics	Breaking strength											
		Dry						Wet					
		Warp			Filling			Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
Taffeta:													
Fall 1944:		*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
Best	12	31. 78	7. 26	20. 2– 43. 3	34. 21	7. 35	26. 4–46. 0	14. 01	4. 02	5. 7–18. 7	14. 39	3. 48	9. 2–20. 2
Medium	11	29. 09	5. 60	18. 6– 35. 1	33. 02	11. 30	17. 6–61. 0	11. 97	3. 01	6. 5–15. 6	13. 64	4. 42	7. 0–23. 0
Low	9	32. 84	5. 07	23. 6– 37. 8	31. 81	9. 70	20. 5–41. 3	13. 26	4. 80	6. 8–21. 5	11. 64	4. 55	4. 7–17. 6
Spring 1945:													
Best	12	30. 49	6. 64	20. 0– 38. 7	33. 82	7. 00	22. 4–43. 4	13. 33	1. 55	10. 0–15. 3	14. 58	3. 40	8. 4–21. 6
Medium	9	28. 54	7. 76	20. 0– 42. 8	27. 57	9. 48	14. 1–46. 8	12. 98	4. 11	5. 1–20. 0	12. 72	6. 09	5. 4–24. 6
Low	5	29. 62	2. 84	25. 6– 32. 5	28. 48	4. 18	23. 2–33. 6	9. 58	2. 82	6. 8–13. 6	7. 60	2. 37	6. 2–10. 6
Fall 1945:													
Best	15	33. 70	6. 73	19. 3– 46. 9	31. 07	9. 26	18. 2–49. 4	13. 76	3. 54	5. 0–18. 0	13. 07	5. 70	2. 8–25. 6
Medium	12	33. 20	8. 52	22. 5– 47. 6	29. 90	10. 51	18. 2–47. 8	15. 13	3. 54	7. 5–19. 8	13. 43	3. 81	7. 4–19. 5
Low	10	51. 01	25. 31	23. 6– 84. 8	44. 93	24. 08	22. 8–81. 7	24. 46	16. 19	10. 8–47. 7	21. 14	15. 08	5. 9–43. 1
Spring 1946:													
Best	11	32. 97	9. 54	11. 6– 48. 0	29. 78	12. 10	10. 2–46. 6	13. 17	2. 22	9. 0–17. 4	12. 03	3. 76	7. 3–19. 5
Medium	8	34. 31	19. 74	15. 1– 77. 6	31. 11	20. 95	11. 2–79. 4	16. 69	11. 21	9. 0–43. 3	13. 64	11. 13	5. 4–40. 1
Low	2	65. 90	22. 77	49. 8– 82. 0	48. 05	40. 80	19. 2–76. 9	33. 10	14. 28	23. 0–43. 2	22. 90	23. 90	6. 0–39. 8
Total:													
Best	50	32. 31	7. 40	11. 6– 48. 0	32. 20	8. 99	10. 2–49. 4	13. 59	2. 98	5. 0–18. 7	13. 52	4. 30	2. 8–25. 6
Medium	40	31. 24	10. 81	15. 1– 77. 6	30. 48	12. 85	11. 2–79. 4	14. 09	5. 93	5. 1–43. 3	13. 37	6. 25	5. 4–40. 1
Low	26	41. 75	20. 00	23. 6– 84. 8	37. 46	19. 16	19. 2–81. 7	18. 38	12. 97	6. 8–47. 7	15. 38	12. 13	4. 7–43. 1
Gabardine:													
Fall 1944:													
Best	9	69. 08	29. 77	35. 3–135. 0	41. 69	13. 30	28. 6–72. 3	45. 39	11. 85	35. 5–72. 7	21. 81	3. 08	18. 1–28. 7
Medium	6	63. 43	18. 55	35. 5– 82. 6	39. 42	3. 28	34. 1–43. 4	37. 95	9. 33	20. 4–45. 3	23. 73	2. 08	21. 3–26. 5
Spring 1945:													
Best	9	58. 19	12. 37	44. 6– 78. 0	36. 08	3. 88	29. 9–40. 6	35. 32	9. 86	15. 4–53. 4	22. 56	5. 08	17. 4–35. 1
Medium	5	55. 84	10. 46	45. 7– 72. 6	36. 88	4. 11	32. 3–43. 0	36. 64	7. 62	27. 5–48. 5	19. 36	3. 59	14. 2–23. 2
Fall 1945:													
Best	11	87. 53	13. 97	68. 3–110. 0	44. 74	11. 28	30. 3–66. 8	46. 22	6. 91	39. 0–60. 6	25. 13	3. 68	20. 0–31. 7
Medium	4	76. 80	8. 66	71. 2– 89. 7	40. 15	4. 80	36. 0–46. 4	36. 32	4. 72	32. 4–42. 2	23. 65	3. 79	20. 6–28. 8
Spring 1946:													
Best	9	72. 14	13. 56	48. 7– 87. 0	39. 93	9. 42	26. 5–61. 0	44. 63	5. 98	34. 2–55. 2	22. 97	5. 02	15. 5–34. 4
Medium	5	67. 32	15. 98	44. 8– 82. 4	33. 60	7. 12	22. 8–39. 7	45. 08	3. 03	41. 2–48. 5	22. 04	3. 49	16. 1–24. 7
Total:													
Best	38	72. 56	20. 90	35. 3–135. 0	40. 83	10. 27	26. 5–72. 3	43. 06	9. 56	15. 4–72. 7	23. 22	4. 29	15. 5–35. 1
Medium	20	65. 18	15. 26	35. 5– 89. 7	37. 48	5. 24	22. 8–46. 4	39. 08	7. 32	20. 4–48. 5	22. 20	3. 46	14. 2–28. 8
Serge:													
Fall 1944:													
Best	8	54. 36	20. 24	31. 8– 96. 6	44. 88	13. 45	26. 7–63. 3	33. 35	10. 14	25. 8–53. 6	26. 60	8. 22	18. 4–38. 9
Medium	6	56. 23	11. 13	45. 2– 72. 6	43. 93	7. 66	32. 0–53. 9	30. 93	5. 46	24. 7–38. 9	23. 57	5. 96	15. 8–30. 7
Spring 1945:													
Best	9	50. 60	20. 61	30. 3–101. 3	45. 07	15. 80	31. 0–71. 8	28. 46	8. 21	18. 4–48. 8	25. 69	8. 44	19. 4–45. 0
Medium	2	58. 85	5. 30	55. 1– 62. 6	45. 20	1. 13	44. 4–46. 0	41. 40	9. 62	34. 6–48. 2	28. 85	. 64	28. 4–29. 3
Fall 1945:													
Best	6	67. 72	17. 86	43. 3– 98. 1	57. 73	13. 71	37. 8–79. 8	33. 70	10. 31	22. 6–53. 4	26. 48	6. 20	17. 6–34. 1
Medium	3	60. 40	16. 30	42. 6– 74. 6	53. 93	22. 91	28. 6–73. 2	31. 50	9. 85	21. 5–41. 2	30. 40	11. 50	18. 9–41. 9
Spring 1946:													
Best	3	60. 87	8. 73	51. 4– 68. 6	53. 93	6. 20	47. 6–60. 0	38. 23	14. 62	26. 8–54. 7	32. 93	8. 95	23. 2–40. 8
Medium	----	-----	-----	----------	-----	-----	----------	-----	-----	----------	-----	-----	----------
Total:													
Best	26	56. 89	19. 15	30. 3–101. 3	48. 95	14. 26	26. 7–79. 8	32. 30	9. 95	18. 4–54. 7	26. 99	7. 80	17. 6–45. 0
Medium	11	57. 84	11. 03	42. 6– 74. 6	46. 89	12. 46	28. 6–73. 2	32. 99	7. 80	21. 5–48. 2	26. 39	7. 42	15. 8–41. 9

Table 10.—Rayon Fabrics: ***Summary of breaking-strength and elongation data for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued**

Type of fabric, buying period, and quality	Number of fabrics	Elongation											
		Dry						Wet					
		Warp			Filling			Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
		Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Taffeta:													
Fall 1944:													
Best	12	16.18	4.40	7.7–21.8	18.88	5.27	9.8–26.6	19.42	4.22	14.5–28.1	18.84	6.80	8.7–35.7
Medium	11	15.61	3.24	9.5–20.6	15.81	2.90	12.4–20.7	19.03	7.43	5.0–31.2	17.57	8.86	7.0–35.0
Low	9	14.69	4.07	7.3–19.7	16.08	4.34	9.0–20.0	16.19	8.10	9.3–36.2	16.82	6.35	9.3–28.5
Spring 1945:													
Best	12	19.23	3.95	13.5–25.7	21.37	3.19	16.6–25.9	19.69	6.83	9.3–27.7	22.21	10.72	6.0–36.7
Medium	9	17.06	3.61	12.7–24.0	20.41	4.47	11.8–26.0	17.66	8.21	2.7–30.7	19.26	9.98	6.3–32.3
Low	5	16.20	2.56	13.7–19.0	15.82	4.43	10.5–22.0	9.88	3.64	4.5–13.7	7.58	3.29	3.3–12.3
Fall 1945:													
Best	15	17.56	6.70	8.3–32.9	19.07	7.13	4.7–30.9	19.62	6.12	6.0–29.3	22.35	8.38	12.3–37.0
Medium	12	16.48	4.73	10.4–25.1	21.45	4.30	14.3–27.1	21.75	6.54	9.0–35.8	25.21	9.58	8.0–38.3
Low	10	18.79	4.20	11.3–25.3	16.80	3.31	10.7–22.1	21.11	9.25	11.4–37.6	16.98	9.19	8.0–34.7
Spring 1946:													
Best	11	16.89	5.67	3.8–25.7	16.67	5.80	4.9–22.7	16.91	5.16	10.0–26.0	16.10	5.35	8.8–24.8
Medium	8	15.70	5.55	4.7–22.0	17.60	4.02	11.3–22.8	15.92	7.43	9.0–28.3	15.45	7.99	6.7–32.0
Low	2	13.85	4.45	10.7–17.0	17.30	5.66	13.3–21.3	23.85	5.02	20.3–27.4	19.85	9.26	13.3–26.4
Total:													
Best	50	17.48	5.34	3.8–32.9	19.05	5.70	4.7–30.9	18.99	5.64	6.0–29.3	20.10	8.29	6.0–37.0
Medium	40	16.22	4.19	4.7–25.1	18.90	4.46	11.3–27.1	18.92	7.39	2.7–35.8	19.82	9.60	6.3–38.3
Low	26	16.49	4.16	7.3–25.3	16.40	3.82	9.0–22.1	17.46	8.69	4.5–37.6	15.34	8.00	3.3–34.7
Gabardine:													
Fall 1944:													
Best	9	19.62	4.17	14.3–26.6	13.99	4.55	9.4–21.7	28.10	5.05	17.4–34.2	21.01	8.67	13.4–39.7
Medium	6	17.28	3.70	10.8–20.6	13.60	4.12	8.9–20.4	26.85	4.15	20.0–32.4	18.83	1.91	15.5–20.6
Spring 1945:													
Best	9	19.58	3.82	13.9–26.3	15.80	3.72	10.3–20.9	24.30	6.17	16.5–34.0	19.69	7.22	11.8–33.6
Medium	5	23.08	3.08	20.6–28.4	17.82	1.37	15.7–19.2	29.44	6.05	23.8–39.6	18.14	2.81	15.2–21.7
Fall 1945:													
Best	11	23.20	5.46	16.7–32.7	18.10	6.44	10.0–28.6	29.68	5.25	22.3–39.4	23.67	7.84	14.0–36.3
Medium	4	22.78	3.10	20.0–26.7	14.22	2.73	10.9–17.3	28.48	1.11	27.0–29.7	18.05	2.90	14.0–20.9
Spring 1946:													
Best	9	24.92	6.10	15.4–32.7	17.02	5.69	8.3–24.5	31.97	6.37	24.0–42.8	20.27	5.20	13.0–30.4
Medium	5	25.28	2.48	22.0–28.8	19.02	3.62	15.3–24.1	36.00	6.35	24.7–39.7	21.00	5.30	11.7–24.8
Total:													
Best	38	21.90	5.32	13.9–32.7	16.33	5.30	8.3–28.6	28.56	6.13	16.5–42.8	21.29	7.25	11.8–39.7
Medium	20	21.83	4.32	10.8–28.8	16.14	3.81	8.9–24.1	30.11	5.84	20.0–39.7	19.04	3.36	11.7–24.8
Serge:													
Fall 1944:													
Best	8	13.96	3.67	10.0–20.7	16.35	4.97	10.3–23.7	17.12	2.41	13.0–21.3	18.02	3.92	10.4–24.6
Medium	6	15.42	3.20	12.0–20.6	16.97	4.25	12.7–23.0	21.48	4.60	15.3–27.9	21.42	6.00	15.1–31.3
Spring 1945:													
Best	9	15.87	2.38	11.3–18.3	19.69	3.01	16.2–24.7	20.03	3.02	13.9–23.6	22.16	3.20	15.8–25.8
Medium	2	14.30	.14	14.2–14.4	17.25	1.06	16.5–18.0	18.05	1.91	16.7–19.4	19.40	.56	19.0–19.8
Fall 1945:													
Best	6	18.55	3.13	13.7–22.4	18.62	1.87	15.3–20.5	21.45	3.56	17.7–28.0	21.05	3.60	17.0–26.2
Medium	3	16.03	2.39	13.3–17.7	17.23	4.20	12.7–21.0	23.93	3.69	20.8–28.0	22.13	2.02	20.3–24.3
Spring 1946:													
Best	3	17.80	2.03	16.0–20.0	19.60	1.42	18.0–20.7	21.47	3.00	18.0–23.3	24.07	2.27	22.0–26.5
Medium	----	-----	-----	----------	-----	------	----------	-----	------	----------	-----	------	----------
Total:													
Best	26	16.12	3.34	10.0–22.4	18.40	3.58	10.3–24.7	19.63	3.33	13.0–28.0	20.85	3.87	10.4–26.5
Medium	11	15.38	2.57	12.0–20.6	17.09	3.56	12.7–23.0	21.53	4.22	15.3–28.0	21.24	4.45	15.1–31.6

Table 11.—Rayon Fabrics: ***Summary of dimensional change in washing, dry cleaning, and wet cleaning for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*** [1]

Type of fabric, buying period, and quality	Number of fabrics	Washing						Dry cleaning						Wet cleaning					
		Warp			Filling			Warp			Filling			Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
Challis:																			
Fall 1944:		*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Best	12	3. 38	1. 30	2– 6	2. 02	2. 97	+4– 6	0. 52	0. 59	+1– 2	1. 34	1. 18	+1– 3	3. 36	1. 19	2– 6	3. 82	2. 64	+2– 7
Medium	8	7. 81	2. 56	2–10	2. 24	. 81	1– 3	1. 19	1. 02	0– 3	1. 06	. 82	0– 3	6. 71	2. 18	4–10	3. 44	2. 21	0– 6
Low	5	7. 42	4. 24	3–14	1. 70	6. 53	+3–13	1. 00	. 43	1– 2	. 66	. 23	0– 1	7. 10	2. 36	5–11	1. 78	3. 07	+1– 7
Spring 1945:																			
Best	9	4. 46	4. 14	0–12	1. 77	3. 07	+3– 8	. 96	. 58	0– 2	1. 98	1. 39	0– 4	5. 14	3. 64	2–13	3. 24	2. 80	0– 8
Medium	6	3. 65	1. 15	2– 6	3. 35	3. 75	+3– 7	. 45	. 78	0– 2	1. 53	1. 34	0– 3	2. 90	1. 55	0– 4	4. 63	4. 80	+2–10
Low	4	4. 82	5. 37	2–13	4. 55	1. 85	3– 7	. 65	. 79	0– 2	2. 25	1. 19	0– 3	4. 30	2. 64	2– 8	7. 58	3. 89	3–12
Fall 1945:																			
Best	14	4. 58	2. 62	0–10	2. 50	2. 62	+1– 8	. 99	1. 18	+1– 4	. 94	. 92	0– 3	4. 77	2. 22	2– 9	3. 81	2. 60	0– 9
Medium	10	6. 30	3. 54	1–11	2. 32	2. 98	+3– 7	1. 28	1. 48	0– 5	1. 42	. 97	0– 4	6. 20	2. 99	2–12	4. 96	3. 42	0–12
Low	4	6. 80	3. 65	4–12	3. 00	3. 30	+2– 6	. 50	. 41	0– 1	. 78	. 69	0– 2	7. 60	2. 62	6–12	5. 15	. 92	4– 6
Spring 1946:																			
Best	14	4. 09	2. 04	0– 9	3. 74	3. 63	+2–11	. 71	. 73	0– 2	1. 62	1. 29	0– 4	4. 11	2. 07	2–10	5. 47	1. 36	4– 9
Medium	12	3. 45	2. 38	+2– 7	4. 65	4. 75	+1–14	1. 05	1. 20	0– 4	1. 86	1. 46	0– 5	3. 94	1. 89	0– 7	4. 78	2. 24	0– 8
Low	8	4. 40	1. 90	2– 8	2. 36	4. 25	+1–10	. 86	. 64	0– 2	1. 32	1. 01	0– 4	4. 34	2. 16	1– 8	3. 39	1. 34	2– 6
Total:																			
Best	49	4. 12	2. 54	0–12	2. 60	3. 10	+4–11	. 79	. 83	+1– 4	1. 42	1. 21	+1– 4	4. 31	2. 34	2–13	4. 18	2. 44	+2– 9
Medium	36	5. 24	3. 14	+2–11	3. 25	3. 56	+3–14	1. 04	1. 18	0– 5	1. 50	1. 18	0– 5	5. 01	2. 63	0–12	4. 50	3. 03	+2–12
Low	21	5. 66	3. 60	2–14	2. 74	4. 24	+3–13	. 79	. 58	0– 2	1. 24	. 99	0– 4	5. 61	2. 68	1–12	4. 14	3. 02	1–12
Crash:																			
Fall 1944:																			
Best	11	4. 48	3. 19	0–11	5. 08	2. 74	2–12	. 40	. 43	0– 1	1. 67	1. 04	0– 4	3. 12	2. 51	+2– 8	. 54	4. 40	+5–12
Medium	9	5. 40	4. 59	0–12	1. 32	1. 19	+1– 3	. 66	. 56	0– 2	. 77	. 62	0– 2	5. 49	5. 26	0–15	. 27	2. 05	1– 8
Low	3	6. 43	6. 39	2–14	2. 60	2. 10	0– 4	. 83	. 15	1– 1	1. 90	1. 56	1– 4	6. 57	7. 94	1–16	4. 93	3. 29	1– 8
Spring 1945:																			
Best	9	5. 58	3. 90	0–12	4. 92	2. 37	1– 9	1. 28	1. 30	0– 4	2. 60	2. 07	0– 6	4. 16	3. 10	0–10	6. 77	3. 48	1–13
Medium	7	4. 71	4. 23	0–11	4. 93	3. 24	2–11	. 60	. 36	0– 1	1. 43	1. 30	0– 4	4. 67	2. 94	1– 8	3. 84	2. 79	0– 8
Low	1	1. 7	------	------	1. 9	------	------	+. 2	------	------	1. 2	------	------	0	------	------	1. 2	------	------
Fall 1945:																			
Best	14	5. 02	2. 63	1–10	4. 96	5. 70	+4–16	. 73	1. 04	+1– 2	1. 13	1. 52	+1– 6	4. 82	2. 42	2– 8	6. 11	4. 92	0–14
Medium	9	3. 93	2. 52	1– 9	3. 50	2. 66	+2– 7	. 18	. 69	+1– 1	1. 48	1. 38	0– 4	3. 78	1. 48	1– 6	6. 53	3. 29	0–11
Low	1	12. 5	------	------	1. 9	------	------	1. 0	------	------	. 5	------	------	12. 0	------	------	7. 0	------	------
Spring 1946:																			
Best	10	5. 07	3. 84	0–14	2. 90	3. 33	+2– 8	. 76	. 80	+1– 2	1. 58	1. 50	0– 4	5. 78	3. 99	0–12	5. 24	2. 82	0–10
Medium	4	6. 12	2. 67	2– 8	6. 58	2. 09	4– 9	1. 60	. 75	1– 3	2. 62	2. 00	0– 5	7. 42	4. 32	3–12	7. 75	2. 74	5–12
Low	1	2. 7	------	------	. 2	------	------	1. 0	------	------	. 3	------	------	2. 7	------	------	2. 4	------	------
Total:																			
Best	44	5. 01	3. 24	0–14	4. 51	3. 97	+4–16	. 76	. 95	+1– 4	1. 67	1. 58	+1– 6	4. 48	3. 05	+2–12	5. 87	4. 01	+5–14
Medium	29	4. 88	3. 61	0–12	3. 59	2. 92	+2–11	. 62	. 72	+1– 3	1. 40	1. 34	0– 5	5. 03	3. 72	0–15	4. 85	3. 27	0–12
Low	6	6. 03	5. 55	2–14	1. 97	1. 62	0– 4	. 72	. 47	0– 1	1. 28	1. 23	0– 4	5. 73	6. 47	0–16	4. 23	2. 94	1– 8

Crepe:																		
Fall 1944:																		
Best	7	7. 21	2. 36	3–11	2. 80	1. 97	1– 7	3. 86	1. 94	1– 6	1. 14	. 64	0– 2	10. 63	3. 53	7–18	4. 04	1. 86	2– 7
Medium	6	8. 32	2. 87	4–11	3. 97	7. 64	+2–19	3. 73	3. 73	1–11	1. 23	1. 08	0– 3	7. 53	3. 72	1–10	4. 32	6. 65	0–18
Low	4	8. 15	3. 15	4–11	6. 18	9. 86	+1–20	1. 32	1. 13	1– 3	. 28	1. 14	+1– 1	10. 22	3. 35	7–15	5. 95	8. 85	1–19
Spring 1945:																		
Best	8	8. 09	1. 06	7–10	4. 06	4. 31	+1–12	4. 88	3. 79	0–11	1. 76	2. 41	+1– 6	10. 39	2. 30	8–14	3. 94	2. 94	1– 8
Medium	6	6. 50	3. 03	4–12	1. 75	1. 92	0– 5	5. 45	4. 00	1–11	1. 00	1. 00	0– 2	9. 57	3. 56	6–14	3. 37	2. 10	1– 6
Low	3	5. 67	3. 39	3– 9	1. 53	. 51	1– 2	3. 23	. 40	3– 4	. 67	1. 16	0– 2	5. 07	3. 38	2– 9	3. 57	4. 04	1– 8
Fall 1945:																		
Best	14	7. 18	3. 63	0–12	11. 97	12. 68	0–47	3. 21	3. 83	0–10	2. 37	3. 90	+1–13	9. 19	5. 05	0–16	8. 95	7. 86	1–23
Medium	11	8. 74	5. 08	1–14	10. 24	10. 75	+3–25	3. 50	4. 99	+1–13	1. 67	2. 61	0– 8	9. 66	6. 17	2–18	7. 94	7. 88	0–22
Low	5	16. 66	9. 19	10–32	26. 76	20. 68	+1–55	3. 88	4. 59	0. 11	2. 62	3. 24	0– 8	14. 00	3. 20	9–18	13. 00	6. 66	2–19
Spring 1946:																		
Best	12	5. 88	3. 49	0–10	7. 98	6. 40	1–16	2. 60	2. 57	0– 7	1. 08	1. 14	0– 4	7. 46	3. 89	1–13	6. 59	4. 70	0–12
Medium	7	5. 24	3. 12	0– 8	5. 91	7. 21	+4–18	1. 91	2. 63	+1– 7	1. 57	2. 53	+1– 6	6. 11	3. 00	1– 9	4. 44	3. 87	0– 9
Low	4	7. 58	2. 57	4–10	6. 25	5. 45	1–12	4. 55	4. 10	1– 8	1. 38	1. 53	0– 3	9. 72	1. 62	8–11	4. 90	4. 85	1–11
Total:																		
Best	41	6. 98	3. 05	0–12	7. 70	8. 98	+1–47	3. 47	3. 22	0–11	1. 66	2. 59	+1–13	9. 16	4. 10	0–18	6. 44	5. 72	0–23
Medium	30	7. 39	4. 01	0–14	6. 28	8. 52	+4–25	3. 57	4. 07	+1–13	1. 43	2. 03	+1– 8	8. 39	4. 68	1–18	5. 49	6. 06	0–22
Low	16	10. 20	6. 95	3–32	11. 76	15. 87	+1–55	3. 29	3. 29	0–11	1. 36	2. 16	+1– 8	10. 31	4. 14	2–18	7. 44	7. 07	1–19
Taffeta:																		
Fall 1944:																		
Best	12	4. 28	3. 38	+1– 9	. 08	2. 70	+6– 4	1. 72	2. 40	0– 9	. 96	. 85	0– 2	4. 54	2. 10	1– 8	2. 21	2. 95	+4– 6
Medium	11	4. 21	3. 15	1–10	. 03	1. 52	+3– 2	1. 29	. 91	0– 3	1. 26	1. 19	0– 4	5. 14	4. 14	2–16	2. 64	1. 84	0– 5
Low	9	4. 33	3. 59	0–10	2. 58	1. 62	1– 6	. 59	. 72	+1– 1	1. 60	1. 86	0– 6	4. 49	2. 71	2–10	3. 93	1. 69	2– 7
Spring 1945:																		
Best	12	3. 46	2. 95	0– 9	1. 58	1. 52	0– 4	2. 25	2. 54	0– 8	1. 34	1. 46	+1– 4	6. 05	4. 55	1–13	2. 62	2. 65	0– 8
Medium	9	3. 13	2. 24	1– 7	1. 27	1. 26	0– 3	1. 23	1. 15	0– 3	1. 37	1. 33	0– 4	3. 28	1. 85	0– 6	2. 72	2. 77	0– 7
Low	5	2. 42	2. 12	0– 5	3. 46	1. 65	1– 5	1. 48	1. 10	0– 3	1. 58	1. 06	0– 3	4. 72	2. 06	2– 7	3. 42	2. 30	1– 6
Fall 1945:																		
Best	15	2. 08	2. 26	0– 8	1. 10	2. 24	+2– 8	. 65	1. 12	0– 4	1. 03	1. 44	0– 4	3. 66	3. 62	+1–14	3. 09	2. 14	0– 8
Medium	12	1. 82	2. 32	+2– 5	1. 98	1. 98	+1– 6	. 68	1. 14	0– 3	. 87	1. 39	+1– 4	2. 70	3. 00	+1– 8	2. 81	2. 31	0– 7
Low	10	2. 82	2. 69	0– 9	1. 35	1. 86	+1– 6	. 51	. 80	0– 2	1. 61	1. 55	0– 4	4. 10	3. 07	1–12	3. 53	2. 23	2– 9
Spring 1946:																		
Best	11	1. 87	2. 56	+2– 6	2. 11	5. 13	+5–14	. 73	1. 40	0– 4	. 55	1. 13	+1– 3	2. 70	1. 66	0– 6	2. 84	4. 28	+4–12
Medium	8	1. 41	2. 46	+1– 6	3. 01	1. 41	1– 6	. 32	. 99	+1– 2	1. 94	2. 06	0– 6	1. 85	1. 82	0– 6	3. 59	1. 54	0– 5
Low	2	3. 20	4. 67	0– 6	7. 55	9. 83	1–14	. 75	. 35	0– 1	. 85	. 21	1– 1	3. 80	3. 11	2– 6	6. 80	6. 36	2–11
Total:																		
Best	50	2. 89	2. 88	+2– 9	1. 19	3. 08	+6–14	1. 31	1. 99	0– 9	. 98	1. 25	+1– 4	4. 23	3. 38	+1–14	2. 71	2. 95	+4–12
Medium	40	2. 69	2. 73	+2–10	1. 49	1. 88	+3– 6	. 90	1. 08	+1– 3	1. 30	1. 47	+1– 6	3. 33	3. 12	+1–16	2. 90	2. 12	0– 7
Low	26	3. 30	2. 99	0–10	2. 66	3. 02	+1–14	. 74	. 85	+1– 3	1. 54	1. 48	0– 6	4. 33	2. 63	1–11	3. 90	2. 44	1–11
Gabardine:																		
Fall 1944:																		
Best	9	5. 91	2. 37	3–10	1. 31	2. 15	+2– 4	1. 63	1. 47	0– 5	1. 11	. 71	0– 2	5. 20	1. 80	3– 8	2. 33	1. 02	0– 3
Medium	6	4. 93	2. 76	2–10	2. 25	2. 45	+1– 6	1. 02	. 41	0– 2	. 90	. 54	0– 1	4. 97	1. 67	3– 8	3. 28	1. 88	1– 7
Spring 1945:																		
Best	9	4. 54	4. 00	0–11	1. 74	2. 55	+1– 5	1. 46	1. 16	0– 4	. 57	. 77	+1– 2	4. 97	3. 38	2–14	1. 19	1. 20	0– 3
Medium	5	6. 90	2. 71	4–10	+1. 42	2. 32	+4– 1	1. 06	. 90	0– 2	. 24	. 36	0– 1	6. 60	2. 82	4–10	5. 20	. 98	0– 2
Fall 1945:																		
Best	11	5. 87	3. 78	2–14	2. 02	3. 71	+1–11	. 91	1. 28	0– 4	. 25	. 65	+1– 1	5. 94	2. 71	2–10	2. 72	2. 76	0–10
Medium	4	5. 95	. 80	5– 7	1. 30	2. 57	+2– 4	. 32	. 47	0– 1	. 25	. 50	0– 1	5. 75	. 96	5– 7	1. 52	2. 06	+1– 4
Spring 1946:																		
Best	9	4. 72	3. 24	0– 9	2. 24	5. 09	+2–15	. 96	1. 23	0– 3	. 84	. 89	0– 3	4. 63	2. 79	+1– 8	2. 74	3. 22	0– 9
Medium	5	7. 68	6. 18	0–15	1. 80	6. 88	+3–14	1. 60	1. 04	0– 3	. 32	. 41	0– 1	11. 76	3. 11	7–15	. 90	. 59	0– 2
Total:																		
Best	38	5. 29	3. 35	0–14	1. 84	3. 44	+2–15	1. 22	1. 28	0– 5	. 67	. 80	+1– 3	5. 23	2. 66	+1–14	2. 27	2. 29	0–10
Medium	20	6. 32	3. 59	0–15	1. 03	3. 99	+4–14	1. 04	. 82	0– 3	. 46	. 52	0– 1	7. 23	3. 49	3–15	1. 64	1. 79	+1– 7

See footnote at end of table.

Table 11.—Rayon Fabrics: ***Summary of dimensional change in washing, dry cleaning, and wet cleaning for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*** [1]**—Continued**

Type of fabric, buying period, and quality	Number of fabrics	Washing						Dry cleaning						Wet cleaning					
		Warp			Filling			Warp			Filling			Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
Serge:		*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Fall 1944:																			
Best	8	4. 79	2. 02	2– 8	1. 94	4. 00	+6– 5	0. 80	0. 62	0– 2	1. 32	0. 96	0– 3	4. 20	1. 90	1– 8	3. 31	3. 80	+5– 8
Medium	6	7. 65	1. 15	6– 9	2. 10	6. 39	0– 5	1. 77	1. 77	0– 5	1. 00	. 95	0– 2	7. 90	2. 82	3–10	3. 92	3. 06	0– 8
Spring 1945:																			
Best	9	4. 13	2. 41	+1– 7	2. 17	5. 15	+9– 7	1. 12	. 75	0– 2	1. 34	2. 26	+3– 5	4. 97	2. 66	2– 8	3. 21	2. 86	+1– 7
Medium	2	3. 75	1. 34	3– 5	2. 00	. 14	2– 2	2. 90	2. 69	1– 5	4. 65	2. 33	3– 6	3. 60	. 14	4– 4	2. 35	2. 19	1– 4
Fall 1945:																			
Best	6	4. 50	3. 53	2–12	4. 03	2. 93	+1– 6	. 52	. 66	0– 2	1. 25	1. 69	0– 4	4. 10	1. 83	3– 8	5. 57	3. 05	1– 9
Medium	3	6. 83	3. 15	4–10	8. 10	3. 46	4–11	. 27	2. 94	0– 1	. 33	. 58	0– 1	4. 37	. 49	4– 5	6. 03	1. 46	5– 8
Spring 1946:																			
Best	3	5. 33	1. 36	4– 6	5. 47	5. 56	1–12	. 67	. 29	0– 1	1. 20	1. 01	0– 2	4. 73	. 66	4– 6	6. 07	2. 97	3– 9
Medium																			
Total:																			
Best	26	4. 56	2. 41	+1–12	2. 91	4. 33	+9–12	. 83	. 66	0– 2	1. 30	1. 60	+3– 5	4. 50	2. 04	1– 8	4. 12	3. 27	+5– 9
Medium	11	6. 72	2. 26	3–10	3. 72	3. 52	0–11	1. 56	2. 23	0– 5	1. 48	1. 90	0– 6	6. 15	2. 85	3–10	4. 21	2. 70	0– 8

[1] Shrinkage everywhere except where + indicates stretch.

Table 12.—Rayon Fabrics: *Summary of colorfastness data for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*

Type of fabric, buying period, and quality	Number of fabrics [1]	Light						Washing		Perspiration							
		40 hours exposure			80 hours exposure			CS59 test No. 1		Acid				Alkaline			
		Severe fading	Appreciable fading	Not faded	Severe fading	Appreciable fading	Not faded	Faded	Not faded	Faded, bled, not washed out	Not faded, bled, not washed out	Not faded, bled, washed out	Not faded, not bled	Faded, bled, not washed out	Not faded, bled, not washed out	Not faded, bled, washed out	Not faded, not bled
Challis:		*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Fall 1944:																	
Best	12	41.7	41.7	16.7	83.3	8.3	8.3	83.3	16.7	25.0	41.7	8.3	25.0	25.0	41.7	16.7	16.7
Medium	8	25.0	37.5	37.5	50.0	12.5	37.5	100.0	0	12.5	50.0	0	37.5	12.5	50.0	12.5	25.0
Low	5	40.0	40.0	20.0	80.0	0	20.0	60.0	40.0	0	60.0	0	40.0	20.0	60.0	0	20.0
Spring 1945:																	
Best	9	22.2	44.4	33.3	55.6	22.2	22.2	22.2	77.8	0	66.7	0	33.3	0	66.7	0	33.3
Medium	6	33.3	33.3	33.3	50.0	33.3	16.7	16.7	83.3	0	33.3	0	66.7	0	66.7	0	33.3
Low	4	25.0	50.0	25.0	75.0	25.0	0	75.0	25.0	0	50.0	0	50.0	0	50.0	0	50.0
Fall 1945:																	
Best	14	28.6	50.0	21.4	50.0	35.7	14.3	35.7	64.3	7.1	50.0	7.1	35.7	14.3	42.9	7.1	35.7
Medium	10	10.0	40.0	50.0	40.0	50.0	10.0	40.0	60.0	20.0	40.0	0	40.0	10.0	70.0	0	20.0
Low	4	0	25.0	75.0	0	50.0	50.0	0	100.0	0	25.0	0	75.0	0	0	0	100.0
Spring 1946:																	
Best	14	28.6	21.4	50.0	50.0	42.9	7.1	28.6	71.4	7.1	42.9	7.1	42.9	7.1	42.9	7.1	42.9
Medium	12	16.7	33.3	50.0	33.3	41.7	25.0	58.3	41.7	8.3	75.0	0	16.7	0	83.3	0	16.7
Low	8	62.5	37.5	0	100.0	0	0	37.5	62.5	0	50.0	12.5	37.5	0	62.5	12.5	25.0
Total:																	
Best	49	30.6	38.8	30.6	59.2	28.6	12.2	42.9	57.1	10.2	49.0	6.1	34.7	12.2	46.9	8.2	32.7
Medium	36	19.4	36.1	44.5	41.7	36.1	22.2	55.6	44.4	11.1	52.8	0	36.1	5.6	69.4	2.8	22.2
Low	21	38.1	38.1	23.8	71.4	14.3	14.3	42.9	57.1	0	47.6	4.8	47.6	4.8	47.6	4.8	42.8
Crash:																	
Fall 1944:																	
Best	11	27.3	45.4	27.3	45.4	36.4	18.2	27.3	72.7	9.1	27.3	0	63.6	9.1	27.3	9.1	54.5
Medium	9	22.2	22.2	55.6	22.2	33.3	44.4	44.4	55.6	22.2	22.2	11.1	44.4	22.2	22.2	11.1	44.4
Low	3	0	33.3	66.7	0	33.3	66.7	33.3	66.7	0	0	0	100.0	0	0	0	100.0
Spring 1945:																	
Best	9	11.1	33.3	55.6	22.2	33.3	44.4	33.3	66.7	22.2	11.1	0	66.7	22.2	11.1	0	66.7
Medium	7	0	42.9	57.1	0	71.4	28.6	28.6	71.4	0	28.6	0	71.4	0	28.6	0	71.4
Low	1	0	0	100.0	0	0	100.0	0	100.0	0	0	0	100.0	0	0	0	100.0
Fall 1945:																	
Best	14	35.7	42.9	21.4	42.9	42.9	14.3	35.7	64.3	21.4	21.4	7.1	50.0	7.1	42.9	7.1	42.9
Medium	9	33.3	11.1	55.6	33.3	33.3	33.3	22.2	77.8	11.1	33.3	0	55.6	11.1	33.3	0	55.6
Low	1	100.0	0	0	100.0	0	0	0	100.0	0	0	0	100.0	0	0	100.0	0
Spring 1946:																	
Best	9	44.5	33.3	22.2	55.6	22.2	22.2	22.2	77.8	11.1	33.3	0	55.6	11.1	33.3	0	55.6
Medium	4	25.0	25.0	50.0	50.0	50.0	0	50.0	50.0	0	50.0	25.0	25.0	0	25.0	0	75.0
Low	1	0	100.0	0	100.0	0	0	100.0	0	0	100.0	0	0	0	100.0	0	0
Total:																	
Best	43	30.2	39.5	30.2	41.9	34.9	23.2	30.2	69.8	16.3	23.3	2.3	58.1	11.6	30.2	4.7	53.5
Medium	29	20.7	24.1	55.2	24.1	44.8	31.1	34.5	65.5	10.4	31.0	6.9	51.7	10.4	27.6	3.4	58.6
Low	6	16.7	33.3	50.0	33.3	16.7	50.0	33.3	66.7	0	16.7	0	83.3	0	16.7	16.7	66.6

See footnote at end of table.

Table 12.—Rayon Fabrics: ***Summary of colorfastness data for fabrics sold as challis, crash, crepe, taffeta, gabardine, and serge*—Continued**

Type of fabric, buying period, and quality	Number of fabrics [1]	Light						Washing		Perspiration							
		40 hours exposure			80 hours exposure			CS59 test No. 1		Acid				Alkaline			
		Severe fading	Appreciable fading	Not faded	Severe fading	Appreciable fading	Not faded	Faded	Net faded	Faded, bled, not washed out	Not faded, bled, not washed out	Not faded, bled, washed out	Not faded, not bled	Faded, bled, net washed out	Not faded, bled, not washed out	Not faded, bled, washed out	Not faded, not bled
Crepe:																	
Fall 1944:		*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Best	7	42. 9	57. 1	0	100. 0	0	0	42. 9	57. 1	28. 6	0	0	71. 4	28. 6	14. 3	0	57. 1
Medium	6	83. 3	16. 7	0	83. 3	16. 7	0	50. 0	50. 0	16. 7	16. 7	0	66. 7	16. 7	33. 3	0	50. 0
Low	4	50. 0	50. 0	0	75. 0	25. 0	0	100. 0	0	0	50. 0	0	50. 0	0	50. 0	0	50. 0
Spring 1945:																	
Best	8	37. 5	37. 5	25. 0	87. 5	0	12. 5	12. 5	87. 5	25. 0	25. 0	25. 0	25. 0	25. 0	37. 5	0	37. 5
Medium	6	66. 7	33. 3	0	100. 0	0	0	33. 3	66. 7	16. 7	33. 3	16. 7	33. 3	33. 3	16. 7	0	50. 0
Low	3	0	33. 3	66. 7	0	66. 7	33. 3	0	100. 0	0	0	33. 3	66. 7	0	66. 7	0	33. 3
Fall 1945:																	
Best	14	42. 9	50. 0	7. 1	71. 4	21. 4	7. 1	50. 0	50. 0	21. 4	50. 0	7. 1	21. 4	14. 3	57. 1	14. 3	14. 3
Medium	11	36. 4	36. 4	27. 3	72. 7	9. 1	18. 2	36. 4	63. 6	27. 3	18. 2	0	54. 5	18. 2	45. 4	18. 2	18. 2
Low	5	80. 0	20. 0	0	60. 0	40. 0	0	80. 0	20. 0	20. 0	40. 0	20. 0	20. 0	20. 0	40. 0	0	40. 0
Spring 1946:																	
Best	12	33. 3	33. 3	33. 4	58. 3	8. 3	33. 4	75. 0	25. 0	33. 3	33. 3	0	33. 4	41. 7	33. 3	0	25. 0
Medium	6	16. 7	33. 3	50. 0	50. 0	33. 3	16. 7	33. 3	66. 7	0	33. 3	16. 7	50. 0	0	66. 7	16. 7	16. 6
Low	4	0	75. 0	25. 0	25. 0	75. 0	0	25. 0	75. 0	0	100. 0	0	0	0	100. 0	0	0
Total:																	
Best	41	39. 0	43. 9	17. 1	75. 6	9. 8	14. 6	48. 8	51. 2	26. 8	31. 7	7. 3	34. 2	26. 8	39. 0	4. 9	29. 3
Medium	29	48. 3	31. 0	20. 7	75. 9	13. 8	10. 3	37. 9	62. 1	17. 2	24. 2	6. 9	51. 7	17. 2	41. 4	10. 3	31. 0
Low	16	37. 5	43. 7	18. 8	43. 8	50. 0	6. 2	56. 2	43. 8	6. 2	50. 0	12. 5	31. 3	6. 2	62. 5	0	31. 3
Taffeta:																	
Fall 1944:																	
Best	12	50. 0	16. 7	33. 3	58. 3	16. 7	25. 0	41. 7	58. 3	0	16. 7	16. 7	66. 7	0	16. 7	16. 7	66. 7
Medium	11	54. 5	27. 3	18. 2	63. 6	18. 2	18. 2	54. 5	45. 4	9. 1	45. 4	0	45. 4	9. 1	36. 4	9. 1	45. 4
Low	9	22. 2	44. 4	33. 3	55. 6	11. 1	33. 3	44. 4	55. 6	0	33. 3	11. 1	55. 6	0	33. 3	11. 1	55. 6
Spring 1945:																	
Best	12	41. 7	8. 3	50. 0	50. 0	25. 0	25. 0	33. 3	66. 7	8. 3	50. 0	0	41. 7	8. 3	50. 0	0	41. 7
Medium	9	66. 7	22. 2	11. 1	88. 9	11. 1	0	33. 3	66. 7	11. 1	33. 3	11. 1	44. 4	11. 1	66. 7	0	22. 2
Low	5	40. 0	60. 0	0	80. 0	20. 0	0	60. 0	40. 0	0	20. 0	0	80. 0	0	40. 0	20. 0	40. 0
Fall 1945:																	
Best	15	46. 7	20. 0	33. 3	60. 0	26. 7	13. 3	46. 7	53. 3	0	26. 7	0	73. 3	0	33. 3	0	66. 7
Medium	12	50. 0	25. 0	25. 0	75. 0	8. 3	16. 7	50. 0	50. 0	25. 0	41. 7	0	33. 3	25. 0	50. 0	16. 7	8. 3
Low	10	20. 0	40. 0	40. 0	50. 0	30. 0	20. 0	40. 0	60. 0	20. 0	30. 0	0	50. 0	20. 0	30. 0	10. 0	40. 0
Spring 1946:																	
Best	11	27. 3	45. 4	27. 3	45. 4	36. 4	18. 2	27. 3	72. 7	18. 2	36. 4	0	45. 4	18. 2	45. 4	0	36. 4
Medium	8	25. 0	25. 0	50. 0	37. 5	25. 0	37. 5	37. 5	62. 5	0	50. 0	12. 5	37. 5	0	50. 0	0	50. 0
Low	2	50. 0	50. 0	0	50. 0	50. 0	0	50. 0	50. 0	50. 0	50. 0	0	0	50. 0	50. 0	0	0
Total:																	
Best	50	42. 0	22. 0	36. 0	54. 0	26. 0	20. 0	38. 0	62. 0	6. 0	32. 0	4. 0	58. 0	6. 0	36. 0	4. 0	54. 0
Medium	40	50. 0	25. 0	25. 0	67. 5	15. 0	17. 5	45. 0	55. 0	12. 5	42. 5	5. 0	40. 0	12. 5	50. 0	7. 5	30. 0
Low	26	26. 9	46. 2	26. 9	57. 7	23. 1	19. 2	46. 2	53. 8	11. 5	30. 8	3. 8	53. 9	11. 5	34. 6	11. 6	42. 3

Gabardine:																	
Fall 1944:																	
Best	7	42.8	57.2	0	100.0	0	0	85.7	14.3	42.8	42.9	0	14.3	28.6	57.1	0	14.3
Medium	6	66.6	16.7	16.7	83.3	0	16.7	83.3	16.7	33.3	66.7	0	0	33.3	66.7	0	0
Spring 1945:																	
Best	9	33.3	44.5	22.2	77.8	22.2	0	66.7	33.3	0	88.9	0	11.1	11.1	66.7	0	22.2
Medium	5	40.0	40.0	20.0	80.0	20.0	0	80.0	20.0	20.0	80.0	0	0	20.0	80.0	0	0
Fall 1945:																	
Best	11	18.2	72.7	9.1	72.7	27.3	0	72.7	27.3	18.2	72.7	0	9.1	27.3	63.6	0	9.1
Medium	4	100.0	0	0	100.0	0	0	50.0	50.0	0	50.0	50.0	0	25.0	75.0	0	0
Spring 1946:																	
Best	9	88.9	11.1	0	100.0	0	0	22.2	77.8	22.2	44.5	0	33.3	22.2	55.6	0	22.2
Medium	5	60.0	40.0	0	100.0	0	0	40.0	60.0	0	60.0	0	40.0	40.0	20.0	0	40.0
Total:																	
Best	36	44.5	47.2	8.3	86.1	13.9	0	61.1	38.9	19.4	63.9	0	16.7	22.2	61.1	0	16.7
Medium	20	65.0	25.0	10.0	90.0	5.0	5.0	65.0	35.0	15.0	65.0	10.0	10.0	30.0	60.0	0	10.0
Serge:																	
Fall 1944:																	
Best	7	14.3	71.4	14.3	57.1	28.6	14.3	71.4	28.6	0	85.7	0	14.3	0	71.4	0	28.6
Medium	5	40.0	40.0	20.0	40.0	60.0	0	100.0	0	20.0	40.0	20.0	20.0	20.0	40.0	20.0	20.0
Spring 1945:																	
Best	9	44.4	55.6	0	66.7	33.3	0	44.4	55.6	11.1	44.5	11.1	33.3	11.1	55.6	0	33.3
Medium	2	100.0	0	0	100.0	0	0	50.0	50.0	0	100.0	0	0	0	100.0	0	0
Fall 1945:																	
Best	6	50.0	33.3	16.7	66.6	16.7	16.7	83.3	16.7	0	83.3	16.7	0	0	100.0	0	0
Medium	2	50.0	50.0	0	50.0	50.0	0	100.0	0	0	100.0	0	0	0	100.0	0	0
Spring 1946:																	
Best	3	100.0	0	0	100.0	0	0	100.0	0	0	66.7	0	33.3	0	33.3	33.3	33.4
Medium																	
Total:																	
Best	25	44.0	48.0	8.0	68.0	24.0	8.0	68.0	32.0	4.0	68.0	8.0	20.0	4.0	68.0	4.0	24.0
Medium	9	55.6	33.3	11.1	55.6	44.4	0	88.9	11.1	11.1	66.7	11.1	11.1	11.1	66.7	11.1	11.1

[1] White fabrics excluded from colorfastness.

Table 13.—Wool Fabrics and Mixtures: ***Price, width, weave, type of yarn, and content of fabric fo fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool***

Type of fabric, quality, and city number	First buying, fall 1944 [1]							Second buying, spring 1945 [1]						
	Price per yard	Width	Weave [2]	Yarn type		Fabric content		Price per yard	Width	Weave [2]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber [3]				Warp	Filling	Sizing	Fiber [3]
Wool flannel: [4]														
Best:	*Dol.*	*In.*				*Pct.*		*Dol.*	*In.*				*Pct.*	
1	2. 95	53⅝	(a)	Single	Single	0	W 100. 0							
2	3. 50	56	(a)	do	do	. 3	W 99. 7							
3														
4	4. 50	57⅞	(a)	Single	Single	0	W 100. 0							
5	3. 50	57⅞	(a)	do	do	0	W 100. 0							
6	3. 95	60⅜	(a)	do	do	0	W 100. 0							
7	3. 50	55⅝	(a)	do	do	0	W 100. 0							
8	3. 95	55	(a)	do	do	0	W 100. 0							
10	3. 49	55	(a)	do	do	0	W 100. 0							
11	3. 75	55⅞	(a)	do	do	0	W 100. 0							
12	5. 90	56⅛	(a)	do	do	0	W 100. 0							
13														
14														
Medium:														
1														
2														
3														
4	3. 50	53⅞	(a)	Single	Single	0	W 100. 0							
5														
6	3. 69	57⅝	(a)	Single	Single	0	W 100. 0							
7	2. 75	56⅛	(d)	do	do	0	W 100. 0							
10	2. 98	53⅝	(a)	do	do	0	W 100. 0							
11	3. 50	54⅞	(b)	do	do	0	W 100. 0							
14														
Low:														
1														
3														
4	3. 50	56⅜	(a)	Single	Single	0	W 100. 0							
5														
6	2. 98	57⅝	(a)	Single	Single	0	W 100. 0							
7	2. 98	57⅛	(a)	do	do	0	W 100. 0							
Wool herringbone: [4]														
Best:														
1	5. 00	58⅜	(e)	do	do	0	W 100. 0							
2	4. 50	58⅜	(e)	do	do	1. 5	W 98. 5							
3														
4	5. 50	59⅜	(e)	Single	Single	0	W 100. 0							
5	3. 98	58⅛	(e)	do	do	0	W 100. 0							
6	3. 50	57	(e)	do	do	0	W 100. 0							
7	2. 98	58⅝	(e)	2-ply	do	0	W 100. 0							
8	3. 50	55⅝	(e)	Single	do	0	W 100. 0							
9	3. 98	56⅝	(e)	do	do	0	W 100. 0							
10	5. 98	56	(e)	do	do	0	W 100. 0							
11	4. 95	57⅛	(e)	do	do	0	W 100. 0							
12	4. 48	55	(e)	2-ply	2-ply	0	W 100. 0							
13														
14														
15														
Medium:														
1	3. 49	59⅝	(e)	Single	Single	1. 3	W 98. 7							
2	3. 50	56	(e)	do	do	0	W 100. 0							
3														
4	3. 85	57⅝	(e)	Single	Single	0	W 100. 0							
5	3. 50	57⅝	(e)	do	do	0	W 100. 0							
6	2. 98	57⅛	(e)	do	do	0	W 100. 0							
7	2. 88	58	(e)	do	do	0	W 100. 0							
8	3. 50	56⅞	(e)	do	do	0	W 100. 0							
9	2. 98	59⅛	(e)	do	do	0	W 100. 0							
10	3. 98	57⅞	(e)	do	do	0	W 100. 0							
11	3. 95	57⅞	(e)	do	do	0	W 100. 0							
12	3. 98	56⅝	(e)	do	do	0	W 100. 0							
13														
14														
15														

See footnotes at end of table.

Table 13.—Wool Fabrics and Mixtures: ***Price, width, weave, type of yarn, and content of fabric for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool*—Con.**

Type of fabric, quality, and city number	Third buying, fall 1945 [1]							Fourth buying, spring 1946 [1]						
	Price per yard	Width	Weave [2]	Yarn type		Fabric content		Price per yard	Width	Weave [2]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber [3]				Warp	Filling	Sizing	Fiber [3]
Wool flannel: [4]														
Best:	*Dol.*	*In.*				*Pct.*		*Dol.*	*In.*				*Pct.*	
1	4.95	54⅝	(b)	Single	Single	0.1	W 99.9							
2	3.98	58⅝	(c)	do	do	1.0	W 99.0							
3	4.98	56	(c)	do	do	.6	W 99.4							
4	3.58	58	(a)	do	do	1.7	W 98.3							
5	4.95	61⅛	(a)	do	do	.3	W 99.7							
6	2.98	58⅜	(a)	do	do	.6	W 99.4							
7	3.50	55⅜	(a)	do	do	1.6	W 98.4							
8	2.95	53⅜	(a)	do	do	2.2	W 97.8							
10	3.49	55⅜	(a)	do	do	5.9	W 94.1							
11	4.49	60⅜	(a)	do	do	4.6	W 95.4							
12	5.95	58	(a)	do	do	6.0	W 94.0							
13	4.00	57⅞	(a)	do	do	2.1	W 97.9							
14	3.95	56⅝	(a)	do	do	1.1	W 98.9							
Medium:														
1	2.95	56	(b)	do	do	0	W 100.0							
2	2.98	57⅜	(b)	do	do	.6	W 99.4							
3	3.50	58⅜	(c)	do	do	0	W 100.0							
4	3.99	53⅝	(a)	do	do	1.4	W 98.6							
5	3.98	55⅞	(a)	do	do	.4	W 99.6							
6														
7	3.49	59⅛	(a)	Single	Single	.2	W 99.8							
10														
11														
14	2.95	54⅛	(a)	Single	Single	2.5	W 97.5							
Low:														
1	2.50	58	(b)	do	do	.4	W 99.6							
3	2.78	56⅝	(b)	do	do	0	W 100.0							
4	3.50	56⅞	(a)	do	do	.3	W 99.7							
5	3.29	59	(d)	do	do	.1	W 99.9							
6														
7	2.29	53⅞	(a)	Single	Single	.9	W 99.1							
Wool herringbone: [4]														
Best:														
1	3.95	60⅜	(e)	do	do	.2	W 99.8							
2	3.98	57⅝	(e)	do	do	.5	W 99.5							
3	3.98	58⅛	(e)	do	do	.5	W 99.5							
4	4.85	58⅜	(e)	do	do	0	W 100.0							
5	4.95	59	(e)	do	do	1.7	W 98.3							
6	2.95	58⅜	(e)	do	do	.2	W 99.8							
7	4.95	56	(e)	do	do	1.9	W 98.1							
8	4.95	59⅞	(e)	do	do	.7	W 99.3							
9	3.98	56⅞	(e)	do	do	1.5	W 98.5							
10	4.50	58⅝	(e)	do	do	6.3	W 93.7							
11	2.98	58⅝	(e)	do	do	6.0	W 94.0							
12	3.98	59⅝	(e)	do	do	3.8	W 96.2							
13	5.00	61⅜	(e)	do	do	2.5	W 97.5							
14	5.98	56¼	(e)	do	do	.2	W 99.8							
15	4.95	57⅝	(e)	do	do	1.4	W 98.6							
Medium:														
1	3.98	57⅝	(e)	do	do	1.8	W 98.2							
2	4.50	60⅜	(e)	do	do	1.1	W 98.9							
3	3.50	57⅜	(e)	do	do	0	W 100.0							
4	5.50	60⅛	(e)	do	do	.7	W 99.3							
5	5.50	58⅝	(e)	do	do	0	W 100.0							
6														
7	3.98	56	(e)	Single	Single	1.2	W 98.8							
8	3.95	54⅛	(f)	2-ply	2-ply	.8	W 99.2							
9	2.98	57	(e)	Single	Single	1.0	W 99.0							
10	4.98	55⅜	(e)	do	do	2.2	W 97.8							
11	3.49	55	(e)	do	do	5.7	W 94.3							
12	2.98	57⅛	(e)	do	do	5.2	W 94.8							
13	3.95	57⅜	(e)	do	do	.4	W 99.6							
14	3.95	57⅜	(e)	do	do	.5	W 99.5							
15	3.45	59⅛	(e)	do	do	4.5	W 95.5							

See footnotes at end of table.

Table 13.—Wool Fabrics and Mixtures: *Price, width, weave, type of yarn, and content of fabric fo fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool*—Con.

Type of fabric, quality, and city number	First buying, fall 1944 [1]								Second buying, spring 1945 [1]							
	Price per yard	Width	Weave [2]	Yarn type		Fabric content			Price per yard	Width	Weave [2]	Yarn type		Fabric content		
				Warp	Filling	Sizing	Fiber [3]					Warp	Filling	Sizing	Fiber [3]	
Wool herringbone [4]—Continued																
Low:	*Dol.*	*In.*				*Pct.*			*Dol.*	*In.*				*Pct.*		
1																
2	2. 98	58⅜	(e)	2-ply	Single	1. 1	W	98. 9								
3																
4	3. 50	57⅝	(e)	Single	Single	0	W	100. 0								
5	3. 50	59¼	(e)	do	do	0	W	100. 0								
6	2. 98	56⅜	(e)	do	do	0	W	100. 0								
7																
9	3. 49	57⅞	(e)	Single	Single	0	W	100. 0								
10	2. 98	58⅝	(e)	do	do	0	W	100. 0								
11	3. 00	57⅞	(e)	do	do	0	W	100. 0								
12	2. 98	56⅞	(e)	do	do	0	W	100. 0								
13																
14																
Rayon and cotton: [4]																
Best:																
1									0. 78	37⅝	(b)	Single	Single	4. 3	C	46. 6
															V	49. 1
2																
4																
5																
6	. 59	37⅝	(b)	Single	Single	3. 8	C	42. 7								
							V	53. 5								
7	. 98	38	(b)	do	do	1. 9	C	48. 4	. 65	41⅛	(b)	Single	Single	3. 9	C	81. 3
							V	49. 7							V	14. 8
8	1. 29	37⅛	(b)	2-ply	2-ply	2. 9	C	51. 5	1. 25	38⅝	(b)	do	do	2. 0	C	84. 0
							V	45. 6							V	14. 0
9									1. 00	41⅝	(b)	2-ply	2-ply	2. 5	C	88. 2
															V	9. 3
10																
12	. 79	37⅞	(b)	Single	Single	2. 4	C	76. 6	. 59	38⅝	(b)	Single	Single	3. 5	C	85. 9
							V	21. 0							V	10. 6
13									. 49	38⅝	(b)	do	do	3. 8	C	43. 4
															V	52. 8
14									. 49	38⅜	(b)	do	do	5. 6	C	48. 7
															V	45. 7
15									1. 00	38⅝	(b)	2-ply	2-ply	3. 7	C	42. 0
Medium:															V	54. 3
1									1. 25	41⅛	(b)	do	do	3. 2	C	35. 6
															V	61. 2
2																
4																
5																
7																
8	1. 29	37⅝	(b)	2-ply	2-ply	12. 9	C	43. 1	. 79	36⅞	(b)	Single	Single	7. 2	C	43. 9
							V	44. 0							V	48. 9
9									1. 98	38⅞	(b)	2-ply	2-ply	1. 9	C	44. 6
															V	53. 5
10																

See footnotes at end of table.

Table 13.—Wool Fabrics and Mixtures: ***Price, width, weave, type of yarn, and content of fabric for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool*—Con.**

Type of fabric, quality, and city number	Third buying, fall 1945 [1]							Fourth buying, spring 1946 [1]						
	Price per yard	Width	Weave [2]	Yarn type: Warp	Yarn type: Filling	Fabric content: Sizing	Fabric content: Fiber [3]	Price per yard	Width	Weave [2]	Yarn type: Warp	Yarn type: Filling	Fabric content: Sizing	Fabric content: Fiber [3]
Wool herringbone [4]—Continued														
Low:	*Dol.*	*In.*				*Pct.*		*Dol.*	*In.*				*Pct.*	
1	3. 50	58	(e)	Single	Single	0	W 100. 0							
2	3. 50	59⅞	(e)	do	do	. 1	W 99. 9							
3	2. 98	59⅛	(e)	do	do	0	W 100. 0							
4														
5														
6														
7	2. 95	55⅞	(e)	Single	Single	0	W 100. 0							
9	3. 98	57⅞	(e)	do	do	1. 1	W 98. 9							
10														
11	4. 95	58	(e)	Single	Single	4. 4	W 95. 6							
12	3. 95	55⅛	(e)	do	do	4. 5	W 95. 5							
13	3. 50	59⅛	(e)	2-ply	do	2. 7	W 97. 3							
14	2. 98	58⅝	(e)	do	do	3. 3	W 96. 7							
Rayon and cotton: [4]														
Best:														
1	1. 19	38⅞	(b)	Single	do	3. 6	C 45. 8 V 50. 6	1. 19	38⅞	(b)	Single	Single	3. 3	C 41. 6 V 55. 1
2								1. 19	39⅞	(b)	do	do	15. 4	C 28. 6 V 56. 0
4	1. 25	40⅛	(b)	2-ply	2-ply	14. 6	C 41. 6 V 43. 8	1. 00	40⅞	(b)	2-ply	2-ply	5. 1	A 29. 3 C 24. 2 V 41. 4
5	1. 00	37⅛	(b)	do	do	5. 3	A 36. 3 C 14. 8 V 43. 6	1. 00	38⅛	(b)	do	do	2. 6	C 26. 7 V 70. 7
6														
7	. 79	40⅞	(b)	2-ply	2-ply	16. 9	C 11. 9 V 71. 2	1. 19	37⅞	(b)	2-ply	2-ply	13. 7	C 40. 3 V 46. 0
8	1. 00	38⅛	(b)	do	do	3. 4	A 27. 1 C 13. 6 V 55. 9	1. 00	38⅛	(b)	do	do	2. 4	C 46. 5 V 51. 1
9	. 59	38⅝	(b)	Single	Single	2. 2	C 91. 0 V 6. 8	1. 69	37⅞	(b)	Single	Single	1. 8	C 41. 0 V 57. 2
10								1. 69	37⅞	(b)	do	do	8. 0	C 76. 6 V 15. 4
12								. 79	35⅝	(b)	2-ply	2-ply	6. 6	C 81. 6 V 11. 8
13	1. 00	38⅛	(b)	2-ply	2-ply	3. 0	C 24. 2 V 72. 8	1. 25	38⅞	(b)	do	do	3. 4	C 24. 2 V 72. 4
14	. 67	38⅞	(b)	Single	Single	4. 7	C 76. 9 V 18. 4	. 49	39⅜	(b)	Single	Single	1. 6	C 85. 3 V 13. 1
15	. 69	38⅛	(b)	do	do	3. 6	C 46. 5 V 49. 9	. 79	38⅛	(b)	do	do	2. 6	C 85. 9 V 11. 5
Medium:														
1	. 45	39⅛	(b)	do	do	6. 6	C 46. 1 V 47. 3	1. 76	37⅞	(b)	do	do	2. 5	C 29. 4 V 68. 1
2								. 50	38⅝	(b)	do	do	6. 9	A 14. 7 C 78. 4
4	1. 35	41⅞	(b)	2-ply	2-ply	5. 2	A 24. 4 C 22. 3 V 48. 1	1. 25	38⅞	(b)	2-ply	2-ply	2. 8	A 37. 4 C 24. 4 V 35. 4
5	. 89	38⅝	(b)	do	do	2. 9	A 17. 5 C 11. 4 V 68. 2							
7	. 88	38	(b)	2-ply	2-ply	2. 7	C 59. 6 V 37. 7							
8	. 59	38⅞	(b)	Single	Single	4. 2	C 86. 5 V 9. 3	. 69	38⅛	(b)	Single	Single	3. 4	C 73. 4 V 23. 2
9	. 59	38⅛	(b)	do	do	3. 6	C 89. 2 V 7. 2							
10								. 89	33⅛	(b)	Single	Single	4. 9	C 90. 9 V 4. 2

See footnotes at end of table.

Table 13.—Wool Fabrics and Mixtures: ***Price, width, weave, type of yarn, and content of fabric for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool*—Con.**

Type of fabric, quality, and city number	First buying, fall 1944 [1]							Second buying, spring 1945 [1]						
	Price per yard	Width	Weave [2]	Yarn type		Fabric content		Price per yard	Width	Weave [2]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber [3]				Warp	Filling	Sizing	Fiber [3]
Rayon and cotton [4]—Continued														
Medium—Con.	*Dol.*	*In.*				*Pct.*		*Dol.*	*In.*				*Pct.*	
12	1.00	41⅞	(b)	Single	Single	2.4	C 76.6 V 21.0							
13								1.00	39	(b)	2-ply	2-ply	2.9	C 26.3 V 70.8
14								1.39	38⅞	(b)	do	do	4.4	C 26.4 V 69.2
15								.59	38⅞	(b)	Single	Single	7.2	C 81.8 V 11.0
Low:														
1								.69	38⅞	(b)	do	do	2.5	C 46.2 V 51.3
4														
8														
9								.69	37⅜	(b)	Single	Single	5.0	C 44.9 V 50.1
13								2.00	38⅜	(b)	2-ply	2-ply	2.0	C 27.1 V 70.9
Rayon and wool: [4]														
Best:														
1	2.50	58⅛	(b)	Single	Single	0	V 40.1 W 59.9							
2	2.98	56⅞	(a)	do	do	0	V 60.5 W 39.5							
3														
4	2.65	55⅞	(a)	Single	Single	0	A 54.8 V 27.6 W 17.6							
5	3.00	56⅜	(a)	do	do	0	V 63.7 W 36.3							
6	2.79	56⅞	(a)	do	do	0	V 61.6 W 38.4							
7														
8	1.25	39⅝	(a)	Single	Single	1.4	V 74.2 W 24.4							
9														
10	1.69	41	(d)	2-ply	2-ply	.3	V 75.1 W 24.6							
11	2.95	58	(a)	Single	Single	.3	V 14.8 W 84.9							
12	2.98	56	(a)	do	do	.5	A 12.5 V 54.5 W 32.5							
13														
14														
Medium:														
1	2.95	54⅝	(b)	2-ply	2-ply	0	V 60.1 W 39.9							
2														
3														

See footnotes at end of table.

Table 13.—Wool Fabrics and Mixtures: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool*—Con.

Type of fabric, quality, and city number	Third buying, fall 1945 [1]							Fourth buying, spring 1946 [1]						
	Price per yard	Width	Weave [2]	Yarn type		Fabric content		Price per yard	Width	Weave [2]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber [3]				Warp	Filling	Sizing	Fiber [3]
Rayon and cotton [4]—Continued														
Medium—Con.	*Dol.*	*In.*				*Pct.*		*Dol.*	*In.*				*Pct.*	
12														
13	0.49	38	(b)	Single	Single	3.8	C 47.3 V 48.9	0.44	38⅝	(b)	Single	Single	10.1	C 42.9 V 47.0
14								.69	38⅛	(b)	do	do	4.8	C 80.7 V 14.5
15	.69	38⅞	(b)	Single	Single	4.1	C 36.2 V 59.7							
Low:														
1														
4	1.25	37⅞	(b)	2-ply	2-ply	2.4	A 22.9 C 8.0 V 66.7							
8								.59	35¼	(b)	Single	Single	4.9	C 74.1 V 21.0
9														
13	.69	38⅛	(b)	Single	Single	5.0	C 49.6 V 45.4	.39	35⅞	(b)	Single	Single	2.5	C 50.2 V 47.3
Rayon and wool: [4]														
Best:														
1	2.50	56⅜	(a)	do	do	.4	V 63.6 W 36.0							
2	3.50	53⅜	(b)	do	do	.1	V 69.9 W 30.0							
3	2.98	53⅛	(b)	do	do	0	V 70.7 W 29.3							
4	2.99	56⅛	(a)	do	do	.1	V 60.8 W 39.1							
5	3.00	56⅜	(a)	do	do	.2	V 62.8 W 37.0							
6	2.98	56⅜	(a)	do	do	7.0	A 4.4 V 55.2 W 33.4							
7	3.00	56	(a)	do	do	0	A 11.9 V 37.4 W 50.7							
8	2.95	56⅛	(a)	do	do	.3	A 7.8 V 51.7 W 40.2							
9	2.98	54⅝	(b)	do	do	.4	V 35.1 W 64.5							
10	1.39	53⅜	(a)	do	do	5.7	V 58.0 W 36.3							
11	2.69	56	(a)	do	do	5.6	V 32.4 W 62.0							
12	2.50	55⅝	(d)	2-ply	do	5.0	V 38.3 W 56.7							
13	2.95	57⅞	(a)	Single	do	1.2	V 63.9 W 34.9							
14	3.11	57	(a)	do	do	.4	A 3.1 V 61.8 W 34.7							
Medium:														
1	1.35	40	(a)	do	do	2.0	V 77.5 W 20.5							
2	2.69	54⅛	(a)	do	do	.5	V 61.4 W 38.1							
3	1.49	55⅜	(b)	do	do	.6	V 86.7 W 12.7							

See footnotes at end of table.

Table 13.—Wool Fabrics and Mixtures: *Price, width, weave, type of yarn, and content of fabric for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool*—Con.

Type of fabric, quality, and city number	First buying, fall 1944 [1]							Second buying, spring 1945 [1]						
	Price per yard	Width	Weave [2]	Yarn type		Fabric content		Price per yard	Width	Weave [2]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber [3]				Warp	Filling	Sizing	Fiber [3]
Rayon and wool [4]—Continued														
Medium—Con.	*Dol.*	*In.*				*Pct.*		*Dol.*	*In.*				*Pct.*	
4	1. 59	56⅛	(a)	Single	Single	0	V 85. 5 W 14. 5							
5	2. 98	55⅝	(a)	do	do	0	A 53. 7 V 28. 2 W 18. 1							
6	1. 25	39⅛	(a)	do	do	0	V 97. 6 W 2. 4							
7														
9														
10	2. 49	56⅝	(a)	Single	Single	. 4	V 60. 7 W 38. 9							
11	2. 45	56¼	(a)	do	do	. 1	V 36. 1 W 63. 8							
12	1. 98	56	(a)	do	do	1. 1	V 25. 5 W 73. 4							
13														
14														
Low:														
1														
4														
5	1. 49	55	(a)	Single	Single	0	V 82. 9 W 17. 1							
10	1. 98	58⅞	(a)	do	do	. 5	V 85. 8 W 13. 7							
11	1. 39	39	(a)	do	do	1. 0	V 22. 9 W 76. 1							

See footnotes at end of table.

Table 13.—Wool Fabrics and Mixtures: ***Price, width, weave, type of yarn, and content of fabric for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool*—Con.**

Type of fabric, quality, and city number	Third buying, fall 1945 [1]							Fourth buying, spring 1946 [1]						
	Price per yard	Width	Weave [2]	Yarn type		Fabric content		Price per yard	Width	Weave [2]	Yarn type		Fabric content	
				Warp	Filling	Sizing	Fiber [3]				Warp	Filling	Sizing	Fiber [3]
Rayon and wool [4]— Continued														
Medium—Con.	*Dol.*	*In.*				*Pct.*		*Dol.*	*In.*				*Pct.*	
4	2.65	55⅝	(a)	Single	Single	0.4	A 54.3 V 27.3 W 18.0							
5	2.98	56⅝	(a)	do	do	.3	A 53.0 V 28.4 W 18.3							
6	1.25	39⅛	(a)	do	do	1.8	V 75.0 W 23.2							
7	1.98	52⅛	(a)	do	do	.8	V 60.6 W 38.6							
9	1.98	59⅜	(b)	do	do	1.4	V 49.0 W 49.6							
10	1.19	39⅜	(a)	do	do	4.9	V 74.8 W 20.3							
11														
12	1.98	58	(a)	Single	Single	6.7	V 74.8 W 18.5							
13	1.00	39⅜	(d)	do	do	4.5	V 87.6 W 7.9							
14	1.98	54⅛	(a)	do	do	2.5	V 74.2 W 23.3							
Low:														
1	2.50	56⅜	(b)	2-ply	do	0	V 52.2 W 47.8							
4	2.65	55⅞	(a)	Single	do	.2	A .4 V 85.7 W 13.7							
5	1.89	55⅛	(a)	do	do	1.0	V 84.7 W 14.3							
10														
11														

[1] Wools and wool mixtures were bought only in fall buyings.

[2] Description of weaves: (a), twill $\frac{2}{2}$; (b), plain; (c), novelty twill; (d), twill $\frac{2}{1}$; (e), herringbone $\frac{2}{2}$; (f), herringbone $\frac{3}{3}$.

[3] A=acetate, C=cotton, V=viscose, W=wool.

[4] To save space, city number has been omitted where no fabric was available.

Table 14.—Wool Fabrics and Mixtures: *Summary of price data for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool*

Type of fabric, buying period, and quality	Number of fabrics	Price per linear yard		
		Mean	Standard deviation	Range
Wool flannel:		*Dollars*	*Dollars*	*Dollars*
Fall 1944:				
Best	10	3. 899	0. 812	2. 95–5. 90
Medium	5	3. 284	. 399	2. 75–3. 69
Low	3	3. 153	. 300	2. 98–3. 50
Fall 1945:				
Best	13	4. 135	. 885	2. 95–5. 95
Medium	7	3. 406	. 463	2. 95–3. 99
Low	5	2. 872	. 514	2. 29–3. 50
Total:				
Best	23	4. 032	. 844	2. 95–5. 95
Medium	12	3. 355	. 422	2. 75–3. 99
Low	8	2. 978	. 444	2. 29–3. 50
Wool herringbone:				
Fall 1944:				
Best	11	4. 395	. 915	2. 98–5. 98
Medium	11	3. 508	. 414	2. 88–3. 98
Low	8	3. 176	. 265	2. 98–3. 50
Fall 1945:				
Best	15	4. 395	. 815	2. 95–5. 98
Medium	14	4. 049	. 812	2. 98–5. 50
Low	9	3. 588	. 643	2. 95–4. 95
Total:				
Best	26	4. 395	. 841	2. 95–5. 98
Medium	25	3. 811	. 710	2. 88–5. 50
Low	17	3. 394	. 532	2. 95–4. 95
Rayon and cotton:				
Fall 1944:				
Best	4	. 912	. 298	. 59–1. 29
Medium	2	1. 145	. 205	1. 00–1. 29
Low				
Rayon and cotton—Con.				
Spring 1945:				
Best	8	0. 781	0. 278	0. 49–1. 25
Medium	6	1. 167	. 494	. 59–1. 98
Low	3	1. 127	. 756	. 69–2. 00
Fall 1945:				
Best	9	. 909	. 235	. 59–1. 25
Medium	8	. 741	. 295	. 45–1. 35
Low	2	. 970	. 396	. 69–1. 25
Spring 1946:				
Best	12	1. 106	. 349	. 49–1. 69
Medium	7	. 889	. 469	. 44–1. 76
Low	2	. 490	. 141	. 39– . 59
Total:				
Best	33	. 950	. 312	. 49–1. 69
Medium	23	. 932	. 422	. 44–1. 98
Low	7	. 900	. 551	. 39–2. 00
Rayon and wool:				
Fall 1944:				
Best	9	2. 532	. 635	1. 25–3. 00
Medium	7	2. 241	. 662	1. 25–2. 98
Low	3	1. 620	. 316	1. 39–1. 98
Fall 1945:				
Best	14	2. 823	. 482	1. 39–3. 50
Medium	12	1. 877	. 645	1. 00–2. 98
Low	3	2. 347	. 403	1. 89–2. 65
Total:				
Best	23	2. 709	. 552	1. 25–3. 50
Medium	19	2. 011	. 658	1. 00–2. 98
Low	6	1. 983	. 513	1. 39–2. 65

Table 15.—Wool Fabrics and Mixtures: ***Summary of weight-per-square-yard and yarns-per-inch data for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool***

Type of fabric, buying period, and quality	Number of fabrics	Weight per square yard			Yarns per inch					
					Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
		Ounces	*Ounces*	*Ounces*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
Wool flannel:										
Fall 1944:										
Best	10	5. 98	0. 95	5. 2– 8. 4	57. 3	6. 7	44– 69	40. 8	3. 6	32–44
Medium	5	5. 62	1. 03	4. 6– 7. 1	50. 6	11. 7	30– 58	38. 8	6. 0	29–45
Low	3	5. 50	. 36	5. 1– 5. 8	37. 0	14. 0	27– 53	30. 0	6. 9	26–38
Fall 1945:										
Best	13	6. 65	1. 31	4. 7– 8. 8	49. 9	8. 4	34– 58	39. 0	6. 5	31–51
Medium	7	5. 93	. 74	4. 7– 6. 8	48. 1	12. 2	32– 61	34. 9	10. 0	23–48
Low	5	5. 60	. 85	4. 2– 6. 3	40. 4	12. 0	28– 56	32. 2	8. 8	25–44
Total:										
Best	23	6. 36	1. 19	4. 7– 8. 8	53. 1	8. 4	34– 69	39. 8	5. 4	31–51
Medium	12	5. 80	. 84	4. 6– 7. 1	49. 2	11. 6	30– 61	36. 5	8. 5	23–48
Low	8	5. 56	. 67	4. 2– 6. 3	39. 1	11. 9	27– 56	31. 4	7. 7	25–44
Wool herringbone:										
Fall 1944:										
Best	11	8. 33	1. 67	5. 5–11. 8	26. 4	4. 4	20– 32	24. 8	3. 4	18–30
Medium	11	8. 35	. 91	6. 7–10. 1	23. 7	4. 5	19– 32	22. 0	3. 7	18–29
Low	8	8. 10	1. 61	5. 8–10. 0	23. 9	5. 5	18– 32	22. 5	5. 2	16–32
Fall 1945:										
Best	15	8. 72	1. 40	6. 5–11. 4	26. 7	5. 0	18– 34	24. 5	3. 6	19–29
Medium	14	8. 24	1. 68	5. 5–10. 8	26. 4	4. 3	20– 33	22. 1	4. 1	16–31
Low	9	7. 82	1. 12	6. 7–10. 0	26. 6	2. 3	24– 30	25. 6	2. 6	22–30
Total:										
Best	26	8. 55	1. 50	5. 5–11. 8	26. 5	4. 7	18– 34	24. 6	3. 4	18–30
Medium	25	8. 29	1. 37	5. 5–10. 8	25. 2	4. 5	19– 33	22. 1	3. 9	16–31
Low	17	7. 95	1. 34	5. 8–10. 0	25. 3	4. 2	18– 32	24. 1	4. 2	16–32
Rayon and cotton:										
Fall 1944:										
Best	4	5. 50	1. 90	3. 5– 8. 0	45. 8	11. 1	35– 61	36. 2	6. 5	27–42
Medium	2	4. 55	1. 63	3. 4– 5. 7	55. 0	14. 1	45– 65	38. 0	4. 2	35–41
Low										
Spring 1945:										
Best	8	4. 44	1. 37	3. 2– 6. 3	54. 2	13. 5	34– 67	42. 0	8. 4	25–52
Medium	6	5. 02	1. 41	3. 4– 7. 0	44. 5	13. 3	34– 62	35. 5	12. 2	24–51
Low	3	4. 37	1. 42	3. 5– 6. 0	54. 3	16. 8	35– 65	39. 7	14. 5	23–49
Fall 1945:										
Best	9	4. 72	1. 50	3. 0– 6. 4	49. 8	12. 7	35– 63	39. 0	10. 3	25–49
Medium	8	4. 34	1. 56	3. 1– 6. 5	52. 1	15. 0	34– 64	40. 9	11. 6	25–51
Low	2	4. 60	2. 26	3. 0– 6. 2	52. 0	22. 6	36– 68	34. 0	15. 6	23–45
Spring 1946:										
Best	12	5. 12	1. 57	2. 7– 7. 8	45. 2	13. 8	30– 73	35. 9	10. 5	23–55
Medium	7	4. 44	1. 50	3. 0– 6. 5	52. 0	12. 8	34– 62	39. 0	9. 4	25–50
Low	2	3. 00	0	3. 0– 3. 0	69. 5	3. 5	67– 72	45. 0	1. 4	44–46
Total:										
Best	33	4. 89	1. 51	2. 7– 8. 0	48. 7	13. 1	30– 73	38. 3	9. 5	23–55
Medium	23	4. 56	1. 43	3. 0– 7. 0	50. 3	13. 4	34– 65	38. 6	10. 3	24–51
Low	7	4. 04	1. 43	3. 0– 6. 2	58. 0	15. 6	35– 72	39. 6	11. 4	23–49
Rayon and wool:										
Fall 1944:										
Best	9	5. 63	. 56	4. 8– 6. 4	73. 7	24. 9	20–107	63. 3	20. 6	17–80
Medium	7	5. 43	. 77	4. 2– 6. 5	73. 7	12. 0	54– 86	64. 4	10. 9	51–75
Low	3	6. 33	1. 01	5. 4– 7. 4	64. 7	17. 4	45– 78	53. 0	11. 5	42–65
Fall 1945:										
Best	14	5. 77	1. 54	4. 8–10. 6	74. 8	15. 9	34– 86	63. 1	17. 0	24–78
Medium	12	5. 86	. 83	5. 0– 8. 1	71. 4	24. 4	35–132	58. 9	12. 8	35–76
Low	3	5. 27	1. 10	4. 2– 6. 4	56. 3	15. 9	38– 66	47. 0	8. 7	37–53
Total:										
Best	23	5. 72	1. 24	4. 8–10. 6	74. 4	19. 4	20–107	63. 2	18. 0	17–80
Medium	19	5. 70	. 82	4. 2– 8. 1	72. 3	20. 3	35–132	60. 9	12. 1	35–76
Low	6	5. 80	1. 11	4. 2– 7. 4	60. 5	15. 6	38– 78	50. 0	9. 7	37–65

Table 16.—Wool Fabrics and Mixtures: ***Summary of breaking-strength and elongation data for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool***

Type of fabric, buying period, and quality	Number of fabrics	Breaking strength											
		Dry						Wet					
		Warp			Filling			Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
Wool flannel:		*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
Fall 1944:													
Best	10	24. 34	4. 26	18. 9–33. 8	17. 16	5. 47	9. 2–28. 1	18. 15	3. 50	14. 0–23. 7	12. 55	3. 57	7. 2–16. 6
Medium	5	21. 00	3. 91	15. 5–25. 3	15. 38	4. 38	10. 7–22. 5	14. 98	. 97	14. 0–16. 3	11. 06	2. 64	8. 9–14. 5
Low	3	16. 30	3. 90	11. 8–18. 7	13. 60	1. 32	12. 6–15. 1	12. 73	. 83	11. 8–13. 4	10. 27	1. 33	9. 4–11. 8
Fall 1945:													
Best	13	27. 94	12. 40	13. 8–58. 3	19. 65	9. 33	11. 0–42. 6	18. 36	8. 40	8. 4–34. 2	11. 96	5. 36	6. 8–23. 4
Medium	7	24. 36	10. 60	18. 0–46. 5	17. 10	9. 52	13. 0–38. 6	15. 66	6. 20	11. 0–28. 7	10. 03	3. 29	7. 3–17. 1
Low	5	20. 06	4. 64	14. 8–25. 0	16. 26	5. 34	11. 2–24. 8	13. 74	3. 61	11. 0–19. 4	10. 76	2. 52	7. 7–14. 4
Total:													
Best	23	26. 37	9. 73	13. 8–58. 3	18. 57	7. 83	9. 2–42. 6	18. 27	6. 60	8. 4–34. 2	12. 22	4. 58	6. 8–23. 4
Medium	12	22. 96	8. 36	15. 5–46. 5	16. 38	7. 56	10. 7–38. 6	15. 38	4. 63	11. 0–28. 7	10. 46	2. 96	7. 3–17. 1
Low	8	18. 65	4. 52	11. 8–25. 0	15. 26	4. 32	11. 2–24. 8	13. 36	2. 82	11. 0–19. 4	10. 58	2. 05	7. 7–14. 4
Wool herringbone:													
Fall 1944:													
Best	11	25. 73	5. 99	16. 9–36. 8	19. 81	5. 30	13. 4–28. 1	20. 60	5. 40	11. 8–29. 7	15. 50	4. 14	10. 2–23. 9
Medium	11	15. 56	3. 34	8. 8–19. 3	14. 34	3. 45	8. 9–19. 8	13. 40	1. 92	9. 3–15. 8	12. 20	2. 16	9. 2–16. 5
Low	8	17. 38	4. 62	13. 4–27. 7	14. 54	3. 39	10. 4–21. 6	14. 14	5. 10	9. 7–24. 8	11. 15	3. 15	6. 6–17. 3
Fall 1945:													
Best	15	26. 73	8. 80	18. 0–48. 5	18. 56	4. 08	11. 8–26. 4	19. 70	8. 21	12. 9–38. 2	12. 77	2. 81	8. 8–18. 6
Medium	14	24. 64	8. 66	12. 5–42. 7	18. 67	5. 35	9. 0–25. 4	18. 26	7. 30	9. 6–32. 0	13. 11	4. 33	6. 9–22. 6
Low	9	22. 29	4. 90	15. 2–27. 9	16. 39	2. 50	12. 7–20. 3	16. 57	4. 12	11. 2–23. 7	11. 26	2. 21	8. 4–14. 8
Total:													
Best	26	26. 31	7. 61	16. 9–48. 5	19. 09	4. 58	11. 8–28. 1	20. 08	7. 04	11. 8–38. 2	13. 93	3. 63	8. 8–23. 9
Medium	25	20. 65	8. 15	8. 8–42. 7	16. 76	5. 02	8. 9–25. 4	16. 12	6. 04	9. 3–32. 0	12. 71	3. 51	6. 9–22. 6
Low	17	19. 98	5. 26	13. 4–27. 9	15. 52	3. 01	10. 4–21. 6	15. 42	4. 63	9. 7–24. 8	11. 20	2. 61	6. 6–17. 3
Rayon and cotton:													
Fall 1944:													
Best	4	42. 05	1. 11	35. 6–58. 7	38. 85	4. 91	33. 1–43. 6	40. 22	11. 34	25. 4–52. 9	28. 25	8. 15	20. 6–36. 3
Medium	2	32. 90	. 28	32. 7–33. 1	24. 00	. 99	23. 3–24. 7	38. 90	6. 79	34. 1–43. 7	28. 20	6. 36	23. 7–32. 7
Low													
Spring 1945:													
Best	8	31. 09	8. 12	18. 9–45. 4	30. 41	10. 73	18. 4–53. 0	34. 16	4. 91	26. 0–41. 0	23. 76	11. 99	9. 0–43. 2
Medium	6	33. 63	7. 59	24. 6–42. 2	29. 70	5. 42	23. 4–39. 3	35. 05	4. 62	27. 9–39. 1	25. 88	5. 82	16. 2–31. 2
Low	3	35. 80	8. 34	28. 0–44. 6	28. 70	5. 12	22. 8–31. 9	34. 80	8. 65	26. 2–43. 5	17. 07	9. 81	7. 0–26. 6
Fall 1945:													
Best	9	38. 63	8. 52	27. 6–51. 0	32. 06	5. 05	22. 4–37. 4	35. 76	3. 56	32. 0–40. 7	25. 49	7. 10	14. 6–37. 0
Medium	8	34. 61	6. 45	25. 0–44. 0	31. 71	4. 64	24. 5–38. 6	35. 20	8. 70	20. 8–44. 4	25. 02	13. 78	4. 4–42. 4
Low	2	40. 45	7. 42	35. 2–45. 7	31. 35	2. 62	29. 5–33. 2	40. 60	3. 40	38. 2–43. 0	21. 90	10. 61	14. 4–29. 4
Spring 1946:													
Best	12	35. 15	10. 67	22. 8–51. 6	26. 74	9. 49	11. 8–42. 1	33. 68	6. 25	23. 8–48. 4	24. 90	8. 69	11. 1–40. 8
Medium	7	36. 34	12. 28	22. 4–55. 0	30. 91	8. 14	20. 6–40. 0	39. 20	14. 40	25. 0–68. 6	30. 00	14. 49	12. 3–57. 0
Low	2	21. 45	8. 27	15. 6–27. 3	15. 10	8. 91	8. 8–21. 4	30. 20	9. 05	23. 8–36. 6	19. 20	15. 27	8. 4–30. 0
Total:													
Best	33	35. 95	9. 81	18. 9–58. 7	30. 55	8. 91	11. 8–53. 0	35. 15	6. 19	23. 8–52. 9	25. 19	8. 83	9. 0–43. 2
Medium	23	34. 73	8. 30	22. 4–55. 0	30. 27	6. 01	20. 6–40. 0	36. 70	9. 57	20. 8–68. 6	27. 04	11. 49	4. 4–57. 0
Low	7	33. 03	10. 52	15. 6–45. 7	25. 57	8. 70	8. 8–33. 2	35. 14	7. 66	23. 8–43. 5	19. 06	9. 72	7. 0–30. 0
Rayon and wool:													
Fall 1944:													
Best	9	48. 83	19. 78	22. 5–93. 1	37. 58	11. 90	16. 7–60. 9	24. 40	9. 08	12. 5–38. 9	18. 68	5. 59	8. 6–28. 6
Medium	6	47. 83	5. 83	39. 5–55. 5	39. 15	10. 13	28. 4–54. 6	22. 47	4. 72	16. 7–27. 8	17. 87	5. 40	13. 5–24. 7
Low	3	64. 57	13. 19	49. 4–73. 4	46. 03	18. 25	27. 8–64. 3	30. 57	4. 31	25. 7–33. 9	22. 73	7. 77	14. 7–30. 2
Fall 1945:													
Best	14	48. 46	16. 28	28. 6–97. 4	40. 09	16. 12	18. 4–89. 9	24. 71	8. 61	14. 8–50. 4	19. 51	8. 26	8. 9–43. 8
Medium	12	51. 33	14. 30	31. 8–76. 1	44. 39	13. 19	25. 6–69. 7	29. 89	9. 99	19. 1–48. 7	23. 92	6. 72	14. 4–38. 2
Low	3	47. 43	8. 00	39. 4–55. 4	30. 10	7. 53	25. 7–38. 8	27. 97	2. 37	25. 8–30. 5	18. 83	4. 34	15. 1–23. 6
Total:													
Best	23	48. 60	17. 29	22. 5–97. 4	39. 10	14. 37	16. 7–89. 9	24. 59	8. 59	12. 5–50. 4	19. 19	7. 20	8. 6–43. 8
Medium	19	50. 62	11. 88	31. 8–76. 1	42. 68	11. 87	25. 6–69. 7	27. 67	8. 98	16. 7–48. 7	22. 02	6. 64	13. 5–38. 2
Low	6	56. 00	13. 54	39. 4–73. 4	38. 07	5. 66	25. 7–64. 3	29. 27	3. 42	25. 7–33. 9	20. 78	6. 02	14. 7–30. 2

ıble 16.—Wool Fabrics and Mixtures: ***Summary of breaking-strength and elongation data for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool*—Con.**

Type of fabric, ying period, and quality	Number of fabrics	Elongation											
		Dry						Wet					
		Warp			Filling			Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
ool flannel:													
Fall 1944:		*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Best	10	17. 94	6. 14	10. 0–26. 5	20. 55	5. 58	15. 0–31. 5	53. 21	5. 92	41. 3–62. 8	49. 05	6. 92	36. 0–60. 0
Medium	5	15. 64	5. 66	7. 0–22. 1	18. 16	7. 69	6. 4–26. 6	49. 20	6. 81	40. 5–56. 8	47. 64	9. 10	40. 6–60. 6
Low	3	18. 13	11. 56	4. 8–25. 4	23. 80	14. 73	6. 8–32. 8	50. 00	4. 37	45. 0–53. 1	54. 70	7. 80	46. 1–61. 3
Fall 1945:													
Best	13	20. 70	7. 21	7. 9–37. 3	25. 90	7. 09	17. 7–40. 3	53. 57	5. 78	42. 5–62. 9	50. 58	6. 57	40. 8–62. 6
Medium	7	22. 26	7. 86	7. 6–29. 3	25. 21	6. 47	16. 7–36. 9	50. 59	9. 12	40. 3–67. 4	49. 90	5. 05	42. 3–57. 8
Low	5	19. 36	9. 00	9. 7–32. 6	25. 38	5. 15	20. 0–27. 0	49. 00	4. 75	43. 3–56. 4	50. 68	4. 09	47. 8–57. 7
Total:													
Best	23	19. 50	6. 76	7. 9–37. 3	23. 57	6. 89	15. 0–40. 3	53. 41	5. 71	41. 3–62. 9	49. 91	6. 61	36. 0–62. 6
Medium	12	19. 50	7. 55	7. 0–29. 3	22. 28	7. 59	6. 4–36. 9	50. 01	7. 92	40. 3–67. 4	48. 96	6. 74	40. 6–60. 6
Low	8	18. 90	9. 21	4. 8–32. 6	24. 79	8. 82	6. 8–32. 8	49. 38	4. 32	43. 3–56. 4	52. 19	5. 59	46. 1–61. 3
ool herring-bone:													
Fall 1944:													
Best	11	14. 67	5. 65	8. 0–22. 2	16. 44	5. 01	10. 3–25. 3	46. 72	7. 84	26. 0–56. 7	46. 81	4. 07	42. 0–53. 5
Medium	11	13. 72	5. 68	4. 0–23. 2	16. 50	7. 18	3. 8–27. 0	40. 43	5. 39	31. 6–51. 2	42. 97	6. 66	31. 6–52. 5
Low	8	14. 18	3. 94	8. 2–19. 7	18. 69	5. 31	10. 2–26. 2	42. 10	7. 27	29. 3–51. 5	42. 75	8. 32	31. 6–55. 4
Fall 1945:													
Best	15	19. 72	4. 96	11. 8–28. 0	24. 29	5. 99	15. 0–36. 0	50. 69	6. 59	40. 0–63. 0	49. 61	6. 01	42. 2–61. 0
Medium	14	17. 48	4. 60	9. 0–25. 3	22. 19	5. 00	14. 3–29. 7	47. 51	6. 92	35. 7–60. 6	47. 23	6. 93	35. 0–57. 7
Low	9	17. 03	3. 30	14. 0–22. 9	20. 74	3. 55	16. 0–27. 7	47. 74	7. 39	40. 3–61. 9	45. 58	5. 13	39. 0–53. 6
Total:													
Best	26	17. 58	5. 75	8. 0–28. 0	20. 96	6. 77	10. 3–36. 0	49. 01	7. 27	26. 0–63. 0	48. 43	5. 37	42. 0–61. 0
Medium	25	15. 82	5. 34	4. 0–25. 3	19. 69	6. 58	3. 8–29. 7	44. 39	7. 14	31. 6–60. 6	45. 36	7. 01	31. 6–57. 7
Low	17	15. 69	3. 80	8. 2–22. 9	19. 78	4. 44	10. 2–27. 7	45. 09	7. 67	29. 3–61. 9	44. 25	6. 75	31. 6–55. 4
ayon and cot-ton:													
Fall 1944:													
Best	4	11. 40	3. 61	9. 3–16. 8	13. 08	4. 30	9. 8–19. 4	17. 60	6. 56	11. 0–25. 8	18. 55	4. 70	12. 7–24. 2
Medium	2	5. 75	1. 34	4. 8– 6. 7	7. 40	. 14	7. 3– 7. 5	11. 25	1. 06	10. 5–12. 0	13. 00	2. 40	11. 3–14. 7
Low	----	----	----	----------	----	----	----------	----	----	----------	----	----	----------
Spring 1945:													
Best	8	11. 78	3. 42	6. 8–17. 5	16. 86	7. 84	8. 5–27. 7	18. 91	5. 48	9. 3–26. 3	21. 09	8. 77	9. 8–34. 2
Medium	6	12. 97	5. 30	7. 5–20. 9	16. 85	4. 52	9. 7–22. 7	15. 78	1. 87	12. 8–18. 1	18. 98	3. 36	13. 5–22. 9
Low	3	11. 27	5. 17	6. 4–16. 7	20. 13	2. 58	18. 0–23. 0	13. 90	2. 59	11. 0–16. 0	17. 23	4. 55	12. 0–20. 3
Fall 1945:													
Best	9	11. 99	3. 64	5. 0–18. 5	18. 19	4. 99	12. 3–28. 1	16. 41	3. 07	11. 4–22. 4	20. 16	5. 61	15. 8–33. 8
Medium	8	13. 36	3. 89	8. 7–17. 6	17. 65	4. 24	13. 3–26. 2	16. 21	3. 54	11. 0–20. 3	16. 59	4. 20	8. 0–20. 3
Low	2	11. 55	8. 84	5. 3–17. 8	22. 35	. 50	22. 0–22. 7	16. 30	6. 08	12. 0–20. 6	20. 10	. 57	19. 7–20. 5
Spring 1946:													
Best	12	9. 92	4. 28	5. 0–19. 3	12. 42	5. 00	6. 6–21. 6	13. 12	4. 53	6. 7–20. 7	14. 83	4. 04	8. 0–20. 0
Medium	7	9. 56	3. 39	4. 7–13. 0	13. 38	5. 14	7. 7–20. 1	13. 28	3. 15	10. 0–18. 5	14. 94	3. 88	10. 3–20. 9
Low	2	5. 65	1. 06	4. 9– 6. 4	14. 10	9. 90	7. 1–21. 1	11. 30	. 85	10. 7–11. 9	16. 25	1. 48	15. 2–17. 3
Total:													
Best	33	11. 12	3. 78	5. 0–19. 3	15. 15	6. 05	6. 6–28. 1	15. 97	5. 06	6. 7–26. 3	18. 25	6. 31	8. 0–34. 2
Medium	23	11. 44	4. 52	4. 7–20. 9	15. 25	5. 20	7. 3–26. 2	14. 78	3. 23	10. 0–20. 3	16. 40	4. 01	8. 0–22. 9
Low	7	9. 74	5. 47	4. 9–17. 8	19. 04	5. 56	7. 1–23. 0	13. 84	3. 56	10. 7–20. 6	17. 77	3. 17	12. 0–20. 5
ayon and wool:													
Fall 1944:													
Best	9	15. 47	4. 20	8. 7–23. 3	16. 23	1. 81	12. 7–19. 3	20. 29	6. 11	8. 7–28. 3	20. 69	5. 08	13. 2–26. 3
Medium	6	16. 28	2. 71	13. 0–20. 3	16. 22	2. 59	13. 0–20. 0	18. 35	3. 98	14. 0–24. 6	18. 27	4. 01	13. 3–23. 3
Low	3	16. 43	5. 75	12. 3–23. 0	14. 20	1. 31	13. 0–15. 6	27. 37	8. 59	20. 0–36. 8	23. 70	4. 69	20. 7–29. 1
Fall 1945:													
Best	14	17. 29	5. 87	9. 8–31. 0	18. 30	4. 22	12. 2–27. 0	22. 91	7. 14	16. 5–45. 3	21. 33	3. 49	16. 4–30. 0
Medium	12	18. 24	4. 36	12. 0–29. 7	20. 85	3. 86	13. 8–26. 9	22. 29	5. 42	15. 3–35. 4	22. 24	4. 24	15. 0–30. 7
Low	3	20. 00	3. 74	16. 0–23. 4	21. 17	7. 24	15. 8–29. 4	25. 03	5. 27	20. 7–30. 9	31. 37	4. 00	20. 6–45. 3
Total:													
Best	23	16. 57	5. 26	8. 7–31. 0	17. 49	3. 58	12. 2–27. 0	21. 88	6. 74	8. 7–45. 3	21. 08	4. 09	13. 2–30. 0
Medium	19	17. 67	3. 83	12. 0–29. 7	19. 25	3. 98	13. 0–26. 9	21. 63	5. 83	14. 0–35. 4	21. 38	4. 80	13. 3–30. 7
Low	6	18. 22	4. 76	12. 3–23. 4	17. 68	6. 02	13. 0–29. 4	26. 20	6. 50	20. 0–36. 8	27. 53	9. 51	20. 6–45. 3

Table 17.—Wool Fabrics and Mixtures: ***Summary of dimensional change[1] in washing, dry cleaning, and wet cleaning for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool***

Type of fabric, buying period, and quality	Number of fabrics	Washing						Dry cleaning						Wet cleaning					
		Warp			Filling			Warp			Filling			Warp			Filling		
		Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range	Mean	Standard deviation	Range
		Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Wool flannel:																			
Fall 1944:																			
Best	10	8.83	2.80	6–14	4.03	3.63	+1– 9	2.05	2.85	0–10	1.96	2.90	0–10	5.96	1.80	3– 9	3.02	3.65	+4–10
Medium	5	8.92	3.83	5–15	5.50	4.21	0–11	1.66	1.12	0– 3	.86	.54	0– 2	5.46	1.27	3– 7	3.16	2.22	0– 6
Low	3	12.00	.89	11–13	12.10	2.85	9–15	3.60	1.21	2– 5	2.93	.93	2– 4	8.50	2.16	6–10	7.97	2.90	6–11
Fall 1945:																			
Best	13	13.04	7.44	5–29	8.45	6.45	+2–22	1.25	2.09	0– 6	.43	.92	0– 3	5.82	2.43	+1– 9	2.95	2.50	+2– 5
Medium	7	12.63	4.69	9–22	9.90	8.59	1–25	.90	1.84	0– 5	.19	.38	0– 1	6.37	1.84	4–10	3.84	3.32	0–10
Low	5	16.16	1.50	8–13	12.22	11.55	1–32	1.40	2.07	0– 5	1.12	1.62	0– 4	6.48	1.61	4– 8	5.66	3.17	2–10
Total:																			
Best	23	11.21	6.16	5–29	6.53	5.75	+2–22	1.60	2.42	0–10	1.10	2.12	0–10	5.88	2.14	+1– 9	2.98	2.98	+4–10
Medium	12	11.08	4.58	5–22	8.07	7.20	0–25	1.22	1.57	0– 5	.47	.55	0– 2	5.99	1.63	3–10	3.56	2.81	3–10
Low	8	14.60	11.58	8–43	12.18	8.86	1–32	2.22	2.04	0– 5	1.80	1.62	0– 4	7.24	1.98	4–10	6.52	3.09	2–11
Wool herringbone:																			
Fall 1944:																			
Best	11	7.50	3.16	1–12	6.49	3.98	2–16	1.33	.75	0– 2	1.23	.85	0– 3	5.14	2.35	1– 8	4.98	2.40	1– 9
Medium	11	7.28	2.07	4–11	6.63	4.29	1–15	1.44	1.11	0– 3	1.83	1.60	0– 6	5.76	1.93	3– 9	6.23	3.82	0–13
Low	8	8.05	3.65	2–13	8.06	4.06	1–13	2.34	.72	1– 3	2.31	1.15	1– 4	5.19	2.42	1– 8	6.16	2.98	2–12
Fall 1945:																			
Best	15	12.75	8.29	2–35	10.89	6.94	0–27	1.07	1.59	0– 5	.73	1.14	0– 3	5.99	2.55	2–10	4.39	2.48	+2– 8
Medium	14	13.74	11.49	6–43	11.31	12.66	1–48	1.63	1.61	0– 5	.64	1.39	+2– 3	5.74	1.76	2– 9	3.89	2.76	+1–10
Low	9	12.31	9.10	2–33	13.64	5.85	7–24	1.36	1.22	0– 3	1.46	1.46	0– 5	5.84	2.38	4–11	6.91	2.82	2–10
Total:																			
Best	26	10.53	7.04	1–35	9.03	6.18	0–27	1.18	1.29	0– 5	.94	1.04	0– 3	5.63	2.46	1–10	4.64	2.42	+2– 9
Medium	25	10.90	9.17	4–43	9.25	10.00	1–48	1.55	1.38	0– 5	1.16	1.57	+2– 6	5.75	1.80	2– 9	4.92	3.41	+1–13
Low	17	10.30	7.21	2–33	11.02	5.71	1–24	1.82	1.11	0– 3	1.86	1.36	0– 5	5.54	2.35	1–11	6.56	2.83	2–12
Rayon and cotton:																			
Fall 1944:																			
Best	4	7.38	2.81	4–11	4.10	4.93	1–11	.15	1.01	+1– 1	1.08	.66	0– 2	4.78	1.78	3– 6	4.30	2.52	2– 8
Medium	2	1.65	5.44	+2– 6	2.45	1.48	1– 4	.30	.42	0– 1	.40	.28	0– 1	2.20	.99	2– 3	.05	.07	0– 0
Low																			
Spring 1945:																			
Best	8	4.90	1.95	3– 8	3.71	2.61	0– 7	1.49	1.30	0– 4	2.50	2.14	0– 6	3.88	3.02	0– 9	5.59	3.22	0–10
Medium	6	5.47	2.87	2– 9	5.27	3.78	2–10	1.57	.59	1– 2	2.80	1.39	1– 4	4.48	2.60	2– 8	4.38	4.03	2–12
Low	3	4.00	1.61	2– 5	2.77	2.91	0– 6	1.07	.93	0– 2	4.17	3.45	1– 8	3.33	1.61	2– 4	6.80	4.97	1–11
Fall 1945:																			
Best	9	2.99	2.66	+3– 6	3.70	3.76	0–10	.71	.74	0– 2	1.91	2.23	0– 7	2.83	1.85	1– 7	4.00	4.04	0–11
Medium	8	4.21	1.40	2– 6	.37	4.02	+1–10	.66	.52	0– 2	2.34	3.35	0–10	3.19	2.05	0– 7	6.68	5.46	2–15
Low	2	6.85	3.18	5– 9	.90	3.11	+1– 3	1.00	0	1– 1	2.10	2.97	0– 4	5.35	3.32	3– 8	3.35	4.74	0– 7
Spring 1946:																			
Best	12	3.63	2.43	0– 7	1.92	2.80	+2– 9	1.11	1.29	0– 4	.71	1.35	+1– 3	4.32	4.03	0–12	2.62	2.27	+1– 6
Medium	7	3.51	2.48	+1– 7	2.54	2.89	+1– 7	.73	1.05	+1– 2	1.77	.74	1– 3	3.33	2.52	0– 6	3.47	2.50	0– 6
Low	2	4.15	.49	4– 4	+.05	6.15	+4– 4	1.60	.85	1– 2	.30	.56	0– 1	3.90	1.27	3– 5	1.60	1.98	0– 3

Total:																		
Best	33	4. 22	2. 70	+3–11	3. 11	3. 29	+2–11	. 98	1. 16	+1– 4	1. 52	1. 86	+1– 7	3. 86	3. 04	0–12	3. 92	3. 18	+1–11
Medium	23	4. 10	2. 59	+2– 9	3. 65	3. 46	+1–10	. 89	. 81	+1– 2	2. 12	2. 15	0–10	3. 48	2. 26	0– 8	4. 52	4. 34	0–15
Low	7	4. 86	2. 11	2– 9	1. 43	3. 53	+4– 6	1. 20	. 70	0– 2	2. 47	2. 92	0– 8	4. 07	1. 95	2– 8	4. 33	4. 30	0–11
Rayon and wool:																		
Fall 1944:																		
Best	9	4. 34	3. 17	1–10	3. 30	1. 33	2– 6	1. 46	1. 56	0– 5	1. 38	1. 36	0– 4	5. 42	2. 86	1– 9	5. 48	2. 57	2–10
Medium	7	2. 89	2. 34	+1– 5	2. 11	3. 20	+1– 6	1. 00	. 83	0– 2	1. 03	1. 13	+1– 3	4. 37	1. 72	2– 6	4. 24	1. 43	2– 6
Low	3	3. 00	2. 41	1– 6	. 03	2. 87	+2– 3	. 87	. 99	0– 2	. 60	1. 25	0– 2	. 40	4. 88	4– 4	1. 00	4. 34	+2– 6
Fall 1945:																		
Best	14	5. 37	3. 49	0–14	3. 91	2. 25	0– 8	1. 86	2. 35	0– 6	1. 11	1. 48	0– 5	6. 04	2. 69	0– 9	5. 36	2. 84	1– 8
Medium	12	4. 07	2. 14	0– 8	+. 09	4. 37	+12–6	. 90	. 88	0– 3	. 39	. 93	+1– 2	4. 83	2. 09	+1– 8	2. 65	2. 54	+2– 6
Low	3	5. 80	4. 78	0– 9	1. 67	2. 63	0– 5	. 53	2. 34	0– 1	+. 23	. 40	+1– 0	7. 10	3. 55	3– 9	4. 27	1. 42	3– 6
Total:																		
Best	23	4. 97	3. 33	0–14	3. 67	1. 93	0– 8	1. 70	2. 05	0– 6	1. 22	1. 41	0– 5	5. 80	2. 71	0– 9	5. 40	2. 67	1–10
Medium	19	3. 63	2. 23	+1– 8	. 72	4. 03	+12–6	. 94	. 84	0– 3	. 63	1. 03	+1– 3	4. 66	1. 92	+1– 8	3. 24	2. 29	+2– 6
Low	6	4. 40	3. 72	0– 9	. 85	2. 62	+2– 5	. 70	1. 62	0– 2	. 18	. 95	+1– 2	3. 75	5. 30	3– 9	2. 63	3. 40	+2– 6

[1] Shrinkage everywhere except where + indicates stretch.

Table 18.—Wool Fabrics and Mixtures: ***Summary of colorfastness data for fabrics sold as wool flannel, wool herringbone, rayon and cotton, and rayon and wool***

Type of fabric, buying period, and quality	Number of fabrics[1]	Light						Washing		Perspiration							
		40 hours exposure			80 hours exposure			CS59 test No. 1		Acid				Alkaline			
		Severe fading	Appreciable fading	Not faded	Severe fading	Appreciable fading	Not faded	Faded	Not faded	Faded, bled, not washed out	Not faded, bled, not washed out	Not faded, bled, washed out	Not faded, not bled	Faded, bled, not washed out	Not faded, bled, not washed out	Not faded, bled, washed out	Not faded, not bled
Wool flannel:		*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Fall 1944:																	
Best	9	55.6	33.3	11.1	77.8	11.1	11.1	22.2	77.8	22.2	44.4	22.2	11.1	44.4	22.2	33.3	0
Medium	5	20.0	40.0	40.0	40.0	20.0	40.0	40.0	60.0	0	80.0	0	20.0	0	80.0	20.0	0
Low	3	66.7	0	33.3	66.7	33.3	0	0	100.0	33.3	33.3	0	33.3	33.3	33.3	0	33.3
Fall 1945:																	
Best	12	50.0	41.7	8.3	83.3	16.7	0	66.7	33.3	16.7	50.0	0	33.3	41.7	50.0	0	8.3
Medium	7	28.6	71.4	0	100.0	0	0	57.1	42.9	28.6	42.8	14.3	14.3	71.4	28.6	0	0
Low	5	40.0	60.0	0	100.0	0	0	60.0	40.0	0	40.0	0	60.0	40.0	20.0	20.0	20.0
Total:																	
Best	21	52.4	38.1	9.5	80.9	14.3	4.8	47.6	52.4	19.0	47.6	9.5	23.8	42.9	38.1	14.3	4.8
Medium	12	25.0	58.3	16.7	75.0	8.3	16.7	50.0	50.0	16.7	58.3	8.3	16.7	41.7	50.0	8.3	0
Low	8	50.0	37.5	12.5	87.5	12.5	0	37.5	62.5	12.5	37.5	0	50.0	37.5	25.0	12.5	25.0
Wool herringbone:																	
Fall 1944:																	
Best	11	27.3	63.6	9.1	36.4	54.5	9.1	63.6	36.4	18.2	54.5	18.2	9.1	18.2	54.5	18.2	9.1
Medium	11	36.4	36.4	27.3	45.4	36.4	18.2	63.6	36.4	9.1	54.5	9.1	27.3	9.1	63.6	9.1	18.2
Low	8	62.5	25.0	12.5	75.0	25.0	0	75.0	25.0	0	75.0	0	25.0	12.5	87.5	0	0
Fall 1945:																	
Best	15	40.0	33.3	26.7	53.3	33.3	13.3	60.0	40.0	33.3	33.3	6.7	26.7	33.3	53.3	0	13.3
Medium	14	64.3	35.7	0	78.6	21.4	0	64.3	35.7	35.7	42.9	7.1	14.3	35.7	57.1	0	7.1
Low	9	22.2	66.7	11.1	66.7	22.2	11.1	77.8	22.2	33.3	33.3	33.3	0	55.6	33.3	0	11.1
Total:																	
Best	26	34.6	46.2	19.2	46.2	42.3	11.5	61.5	38.5	26.9	42.3	11.5	19.2	26.9	53.8	7.7	11.5
Medium	25	52.0	36.0	12.0	64.0	28.0	8.0	64.0	36.0	24.0	48.0	8.0	20.0	24.0	60.0	4.0	12.0
Low	17	41.2	47.0	11.8	70.6	23.5	5.9	76.5	23.5	17.7	52.9	17.6	11.8	35.3	58.8	0	5.9
Rayon and cotton:																	
Fall 1944:																	
Best	4	100.0	0	0	100.0	0	0	75.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Medium	2	0	50.0	50.0	0	50.0	50.0	0	100.0	0	0	50.0	50.0	0	0	0	100.0
Low																	
Spring 1945:																	
Best	8	62.5	37.5	0	87.5	12.5	0	25.0	75.0	12.5	12.5	0	75.0	25.0	50.0	12.5	12.5
Medium	6	33.3	33.3	33.3	66.7	0	33.3	16.7	83.3	16.7	50.0	16.7	16.7	33.3	33.3	16.7	16.7
Low	3	100.0	0	0	100.0	0	0	0	100.0	0	33.3	33.3	33.3	0	33.3	66.7	0
Fall 1945:																	
Best	9	44.4	44.4	11.1	77.8	11.1	11.1	33.3	66.7	0	44.4	11.1	44.4	11.1	33.3	22.2	33.3
Medium	8	37.5	50.0	12.5	87.5	12.5	0	62.5	37.5	25.0	37.5	0	37.5	12.5	75.0	0	12.5
Low	2	50.0	0	50.0	50.0	50.0	0	50.0	50.0	50.0	50.0	0	0	0	100.0	0	0
Spring 1946:																	
Best	11	27.3	45.4	27.3	54.5	36.4	9.1	27.3	72.7	18.2	27.3	9.1	45.4	18.2	18.2	0	63.6
Medium	7	28.6	28.6	42.8	57.1	42.9	0	42.9	57.1	28.6	57.1	0	14.3	28.6	57.1	0	14.3
Low	2	50.0	0	50.0	50.0	0	50.0	0	100.0	0	0	0	100.0	0	50.0	0	50.0
Total																	
Best																	
Medium																	
Low																	

Low	2	50.0	0	42.8	50.0	57.1	50.0	42.9	0	50.0	42.9	0	57.1	100.0	28.6	0	57.1	0	0	14.3	28.6	0	57.1	50.0	0	14.3	50.0
Total:																											
Best	32	50.0	37.5	12.5	75.0	18.8	6.2	34.4	65.6	12.5	28.1	9.4	50.0	18.8	31.2	12.5	37.5										
Medium	23	30.4	39.2	30.4	65.2	21.8	13.0	39.1	60.9	21.7	43.5	8.7	26.1	21.7	52.2	4.4	21.7										
Low	7	71.4	0	28.6	71.4	14.3	14.3	14.3	85.7	14.3	28.6	14.3	42.8	0	57.1	28.6	14.3										
Rayon and wool:																	
Fall 1944:																	
Best	9	22.2	33.3	44.4	44.4	33.3	22.2	22.2	77.8	0	55.6	11.1	33.3	0	55.6	11.1	33.3
Medium	7	57.1	28.6	14.3	71.4	14.3	14.3	42.9	57.1	0	57.1	14.3	28.6	14.3	28.6	42.8	14.3
Low	3	33.3	66.7	0	33.3	66.7	0	66.7	33.3	0	66.7	33.3	0	0	66.7	33.3	0
Fall 1945:																	
Best	14	28.6	57.1	14.3	78.6	14.3	7.1	64.3	35.7	21.4	50.0	0	28.6	21.4	50.0	0	28.6
Medium	12	33.3	25.0	41.7	58.3	16.7	25.0	50.0	50.0	25.0	41.7	0	33.3	25.0	58.3	8.3	8.3
Low	4	25.0	75.0	0	75.0	25.0	0	100.0	0	25.0	75.0	0	0	50.0	50.0	0	0
Total:																	
Best	23	26.1	47.8	26.1	65.2	21.7	13.0	47.8	52.2	13.0	52.2	4.3	30.4	13.0	52.2	4.3	30.4
Medium	19	42.1	26.3	31.6	63.2	15.8	21.0	47.4	52.6	15.8	47.4	5.3	31.6	21.0	47.4	21.0	10.5
Low	7	28.6	71.4	0	57.1	42.9	0	85.7	14.3	14.3	71.4	14.3	0	28.6	57.1	14.3	0

[1] White fabrics excluded from colorfastness.

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